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1982

Census of Wholesale Trade

WC82-A-12

GEOGRAPHIC AREA SERIES

Hawaii



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The publications
from the 1982 Economic and
Agriculture Censuses are dedicated
to the memory of Shirley Kallek,
Associate Director for Economic Fields.
During her career at the Bureau of the
Census (1955 to 1983), she continually
directed efforts to improve
the timeliness and accuracy of
economic statistics.

1982 Census of Wholesale Trade

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Issued September 1984



U.S. Department of Commerce

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INTRODUCTION

ECONOMIC CENSUSES OVER TIME

The early beginnings of America's industrial output were first measured in the United States in the 1810 Decennial Census and again in 1820, when questions on manufacturing were included with those for population. Beginning with the 1840 Decennial Census, there were enumerations of manufactures and mineral industries at 10-year intervals up to and including the year 1900 for manufactures and 1940 for mineral industries. The latter census was again taken for 1954, 1958, 1963, and 1967.

Because of the increasing dominance of manufacturing in the early 20th century, Congress directed that quinquennial censuses of manufactures be taken beginning in 1905. However, from 1919 through 1939, these censuses were conducted every 2 years. The need for war-related current surveys in the early 1940's postponed the next census of manufactures until 1948 (for 1947). That census was again taken for 1954, 1958, 1963, and 1967.

Retail and wholesale trade data were first collected in 1930, and in 1933 information on selected service industries was added to the data-collection operation. These business censuses, as they were called, were again taken for 1935, 1939 (as part of the 1940 decennial program), 1948, 1954, 1958, 1963, and 1967.

Information on construction industries was first obtained in 1930 and again for 1935 and 1939. Data for the full spectrum of construction industries were not gathered again until 1968 (for 1967).

The need for transportation data to supplement information available from existing governmental or private sources was recognized by Congress in the late 1950's and early 1960's. The census of transportation (consisting of several surveys) was first taken for 1963 and again for 1967.

Since 1967, all of the above censuses have been taken quinquennially as part of the Census Bureau's economic census program. (For the 1977 censuses, the coverage of the service industries was broadened from "selected services" to all services, except religious organizations and private households. A total of 41 additional four-digit standard industrial classifications¹ (SIC's) in 7 SIC major groups was added to the scope of the census. While most of the industries included for the first time for 1977 were covered again for 1982, some were not, i.e., hospitals; elementary and secondary schools; colleges, universities, and professional schools; junior colleges and technical institutes; labor unions and similar labor organizations; and political organizations.)

The first manufacturing census for an outlying area was conducted in Puerto Rico for the year 1909. Thereafter,

with the exception of 1929, a census was taken at 10-year intervals through 1949. The first censuses of retail trade, wholesale trade, and selected service industries in Puerto Rico were conducted in 1939. These censuses also were taken for the years 1949, 1954, 1958, 1963, and 1967. A census of construction industries was first introduced in Puerto Rico for 1967. These censuses of Puerto Rico have been taken since then for the years 1972, 1977, and 1982.

Censuses of manufactures, retail trade, wholesale trade, and selected service industries were conducted in Guam and the Virgin Islands of the United States for 1958, 1963, 1967, 1972, 1977, and 1982. Censuses of mineral industries were taken in the Virgin Islands of the United States for the years 1958, 1963, and 1967 but not since that time. A census of construction industries was also undertaken in these areas for 1972, 1977, and 1982.

Retail trade, wholesale trade, selected service industries, manufacturing, and construction industries were canvassed for the first time in the Northern Mariana Islands in 1983 (for 1982).

For 1982, the economic censuses and agriculture censuses were conducted concurrently.

USES OF THE ECONOMIC CENSUSES

The economic censuses are the major source of facts about the structure and functioning of the Nation's economy and provide essential information for government, business, industry, and the general public. They provide an important part of the framework for such composite measures as the gross national product, input-output measures, indexes of industrial production, and indexes measuring productivity and price levels. Information from the censuses is used to establish sampling frames and as benchmarks for current surveys of business activity, which are essential for measuring short-term economic conditions.

State and local governments use census data to assess business activities within their jurisdictions. The private sector uses the data to forecast general economic conditions; analyze sales performance; lay out sales territories; allocate funds for advertising; decide on locations for new plants, warehouses, or stores; and measure potential markets in terms of size, geographic areas, kinds of business, and kinds of products made or sold.

Following every census, thousands of businesses and other users purchase reports. Likewise, census facts are widely disseminated by trade associations, business journals, and newspapers. Volumes containing census statistics are available in most major public and college libraries. All 1982 data are available on microfiche from the U.S. Government Printing Office and most data on computer tape from the Census Bureau. Finally, the more than 50 State Data Centers also are suppliers of economic census statistics.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

AUTHORITY AND SCOPE OF THE ECONOMIC CENSUSES

The economic censuses are required by law under title 13 of the United States Code, sections 131, 191, and 224, which directs that they be taken at 5-year intervals for the years ending in 2 and 7. The 1982 Economic Censuses covered manufacturing, mining, construction industries, retail trade, wholesale trade, service industries, and selected transportation activities. Special programs also cover minority-owned and women-owned businesses. The next economic censuses are scheduled to be taken in 1988 for the year 1987.

CENSUS OF WHOLESALE TRADE

The 1982 Census of Wholesale Trade, part of the 1982 Economic Censuses, covered wholesale trade as defined in the Standard Industrial Classification (SIC) Manual.¹ It included all establishments with one or more paid employees primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional users; or to other wholesalers. Companies selling products to which they have title, as well as those acting as agents or brokers in buying merchandise for or selling merchandise to others, are included. The census excluded governmental organizations classified in the covered industries except for wholesale liquor establishments operated by State and local governments. The basic tabulations in this report do not include data for establishments which are "auxiliary" (primary function is providing a service, such as warehouses) to wholesale establishments within the same organization. Data for auxiliaries are presented for selected industrial classifications in tables included in the United States Summary report issued as part of this series. Data for auxiliaries are presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

Wholesale firms without employees were excluded from the census. In the census of retail trade, the sales of firms with no paid employees are derived from administrative records of other Federal agencies rather than from a direct canvass. These sources proved impractical for wholesale firms without paid employees. In the census of wholesale trade, the sales value is the gross volume of business conducted. Firms which operate wholly or partly on a commission basis must provide both the gross volume of business conducted and commission receipts on census forms. Agents and brokers do not report to other Federal agencies the gross selling value of goods. Moreover, administrative records make no distinction between commission receipts and sales receipts by wholesalers.

Appendix A gives a more detailed explanation of census coverage and methodology.

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. 003-005-00176-0.

CENSUS DISCLOSURE RULES

In accordance with Federal law governing census reports, no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure, so this information may be released even though other information is withheld.

GEOGRAPHIC AREAS COVERED

This report series presents data for the following areas:

1. The United States as a whole.
2. Each State and the District of Columbia.
3. Each standard consolidated statistical area (SCSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.^{2 3} An SCSA is an area used to facilitate the presentation and analysis of data for large concentrations of metropolitan populations. It includes two or more contiguous standard metropolitan statistical areas which have a population of at least 1,000,000⁴ and which meet specific criteria of urban character and of social and economic integration.
4. Each standard metropolitan statistical area (SMSA) defined by the Office of Management and Budget as of January 1, 1982, meeting the criteria published in the 1975 Standard Metropolitan Statistical Areas manual or Federal Register, January 3, 1980, Vol. 45, No. 2.^{2 3} An SMSA is an integrated economic and social unit with a population nucleus of at least 50,000 inhabitants.⁴ Each SMSA consists of one or more counties meeting standards of metropolitan character; in New England, cities and towns rather than counties are the component geographic units.
5. The area within the State outside standard metropolitan statistical areas.

²Standard Metropolitan Statistical Areas, Revised Edition 1975 (for SMSA's prior to January 3, 1980). For sale by Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402 and *Federal Register* (for SMSA's since January 3, 1980), Vol. 45, No. 2, pages 956-963. Available from Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

³On June 30, 1983, the Office of Management and Budget announced newly defined metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's) into which previously defined SMSA's and SCSA's were restructured. The 1982 Economic Censuses publications do not present data for the newly defined areas. These areas were defined after 1982 publication plans were almost complete. Inclusion of the newly defined areas would have materially delayed the publication of the 1982 Economic Censuses reports. However, limited 1977 data for the new areas will be published in the 1984 edition of the *State and Metropolitan Area Data Book*, and limited 1982 data will be published in the 1985 edition.

⁴According to 1980 Census of Population.

6. Each county or county equivalent.^{5 6}
7. Each municipality of 2,500 inhabitants or more incorporated as a city, borough, village, or town.^{4 5}

For the economic censuses, boroughs and census areas in Alaska, boroughs in New York, and towns in New York and Wisconsin are not included in this category.

8. Special economic urban areas (SEUA's) which include townships in New Jersey and Pennsylvania and towns in New England with 10,000 inhabitants or more.⁴

DOLLAR VALUES

All dollar values presented in this report are expressed in current dollars, i.e., 1982 data are expressed in 1982 dollars and 1977 data in 1977 dollars. Consequently, when making comparisons to prior years, users of the data should consider the inflation that has occurred.

RELIABILITY OF DATA

All data compiled in this report originated from either census questionnaires or administrative records of other Federal agencies and, therefore, are not subject to sampling errors. However, the data are subject to non-sampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

Limited information is obtained from the administrative records of other Federal agencies. This information is used in conjunction with other information available to the Census Bureau to develop estimates for small employers and other establishments for which responses were not received in time for publication. For an indication of the

extent that data included in these reports were obtained from the administrative records of other Federal agencies and from estimation, rather than reports directly from respondents, see appendix E. Also, see appendix A for a more detailed explanation of census coverage and methodology.

MICROFICHE AND COMPUTER TAPES

The data in this report series are also available on microfiche and computer tapes. Microfiche reports are sold by the U.S. Government Printing Office. Computer tapes are sold by the Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D.C. 20233.

SPECIAL TABULATIONS

Special tabulations of data collected in the 1982 Census of Wholesale Trade may be obtained, depending on availability of time and personnel, on computer tape or in tabular form. The data will be in summary form and subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) as are the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief, Business Division, Bureau of the Census, Washington, D.C. 20233.

To discuss a special tabulation before submitting specifications, call 301-763-5282.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

—	Represents zero.
(D)	Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
(IC)	Independent city.
(NA)	Not available.
(NC)	Not comparable.
(X)	Not applicable.
n.e.c.	Not elsewhere classified.
r	Revised.
SIC	Standard Industrial Classification.
SCSA	Standard Consolidated Statistical Area.
SMSA	Standard Metropolitan Statistical Area.

⁴According to 1980 Census of Population.

⁵Those defined as of January 1, 1982.

⁶See appendix F for Alaska, Louisiana, Maryland, Missouri, Montana, Nevada, Virginia, and District of Columbia county equivalents.

Users' Guide for Locating Statistics in This Report by Table Number

Information shown in tables	Table									
	1	2	3	4	5	6	7	8	9	10
GEOGRAPHIC AREAS										
The State	X	X	X					X	X	X
SCSA's in the State										
SMSA's in the State				X						
Area of State not in any SMSA					X					
Counties in the State						¹ X		² X	X	
Places in the State							¹ X	² X		² X
DATA ITEMS³										
Establishments	X	X		⁴ X	⁴ X	⁴ X	⁴ X	⁴ X		
Sales	X	X		⁴ X	⁴ X	⁴ X	⁴ X	⁴ X	X	X
Annual payroll	X	X		⁵ X	⁵ X	⁵ X	⁵ X	⁵ X		
First quarter payroll	X									
Paid employees for pay period including March 12	X			⁵ X	⁵ X	⁵ X	⁵ X	⁵ X		
Inventories	X									
Operating expenses	X									
1977 to 1982 comparative statistics (sales, payroll)		X								
Sales per establishment			X							
Sales per employee			X							
Annual payroll per employee			X							
Annual payroll as a percent of operating expenses			X							
Employees per establishment			X							
Operating expenses as a percent of sales			X							
End-of-1982 inventories as a percent of sales			X							
Counties ranked by volume of sales									X	
Places ranked by volume of sales										² X

¹ Includes areas with 200 wholesale establishments or more.

² Includes places with 2,500 inhabitants or more, according to the 1980 Census of Population.

³ See Explanation of Terms, appendix A.

⁴ Manufacturers' sales branches and offices, and agents, brokers, and commission merchants are combined and displayed as "other types of operation."

⁵ Presented for total and merchant wholesalers only.

Users' Guide for Locating Statistics in the 1982 Census of Wholesale Trade Reports

Report and geographic area	Information shown in reports by kind of business or industry category										
	Number of establishments	Sales (\$1,000)	Payroll (\$1,000)	Number of employees	Inventories (\$1,000)	Operating expenses (\$1,000)	Commodity line sales (\$1,000)	Establishment and firm size	Legal form of organization	Petroleum bulk stations and terminals	Selected topics
GEOGRAPHIC AREA SERIES											
United States	X	X	X	X	X	X					
State	X	X	X	X	X	X					
SCSA	X	X	X	X							
SMSA	X	X	X	X							
County	X	X	X	X							
Place	X	X	X	X							
ESTABLISHMENT AND FIRM SIZE (INCLUDING LEGAL FORM OF ORGANIZATION)											
United States	X	X	¹ X	¹ X	¹ X	¹ X		X	X		
MEASURES OF VALUE PRODUCED, CAPITAL EXPENDITURES, DEPRECIABLE ASSETS, AND OPERATING EXPENSES											
United States ¹		X	X			X			X		² X
COMMODITY LINE SALES											
United States	X	X					X				
State ³	X	X					X				
SMSA ³	X	X					X				
MISCELLANEOUS SUBJECTS											
United States	X	X	X	X	X	X				X	⁴ X
State										X	
County										X	

¹ Merchant wholesalers only.

² Value produced, capital expenditures, depreciable assets, and selected operating expenses detail.

³ Available on microfiche only.

⁴ Class of customer, employment by principal activity, and detailed type of operation.

Hawaii

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SUMMARY OF FINDINGS

Data from the 1982 Census of Wholesale Trade show that Hawaii's 1,737 wholesale establishments had sales totaling \$4.1 billion. In 1977, 1,569 wholesalers had sales of \$2.6 billion.

Among the three major wholesale types of operation, merchant wholesalers had the largest share, with 1,434 establishments and sales of \$2.5 billion; followed by manufacturers' sales branches and offices, with 160 establishments and sales of \$1.3 billion; and agents, brokers, and commission merchants, with 143 establishments and sales of \$318 million.

The 1982 payroll of all wholesalers in the State amounted to \$288 million, compared to \$178 million for 1977. Payroll per employee averaged \$16.7 thousand for all wholesalers; \$15.2 thousand for merchant wholesalers; \$26.3 thousand for manufacturers' sales branches and offices; and \$16.6 thousand for agents, brokers, and commission merchants.

There were 17,210 paid employees (full- and part-time) engaged in wholesale trade in the State as of mid-March 1982. Merchant wholesalers were the largest employers, with 14,401 employees; followed by manufacturers' sales branches and offices, with 2,254 employees; and agents, brokers, and commission merchants, with 555 employees.

Sales by groceries and related products wholesalers in 1982 accounted for 29.1 percent of the State's total

sales by all wholesalers, compared to 27.1 percent in 1977. Other leading wholesale kind-of-business groups in 1982 were petroleum and petroleum products wholesalers, with 16.4 percent; machinery, equipment, and supplies wholesalers, with 10.2 percent; motor vehicles and automotive parts and supplies wholesalers, with 7.2 percent; and electrical goods wholesalers, with 6.0 percent.

For 1982, sales for all wholesalers in the State averaged \$2.4 million per establishment. Petroleum and petroleum products wholesalers averaged \$16.0 million per establishment; beer, wine and distilled alcoholic beverages wholesalers, \$4.7 million; groceries and related products wholesalers, \$3.5 million; drugs, drug proprietaries and druggists' sundries wholesalers, \$2.9 million; and motor vehicles and automotive parts and supplies wholesalers, 2.9 million.

In 1982, sales per employee for all wholesalers in the State averaged \$237 thousand. Petroleum and petroleum products wholesalers reported sales per employee of \$2.1 million, which contrasts sharply with the \$102 thousand recorded by farm-product raw materials wholesalers.

Honolulu County led all counties in the State, accounting for 83.1 percent of total sales by wholesalers. Honolulu had the largest sales among all places in the State, accounting for 72.2 percent.

Table 1. Summary Statistics for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
	Wholesale trade -----	1 737	4 084 369	287 626	69 858	17 210	620 882	457 525	440 723
	TYPES OF OPERATION								
	Merchant wholesalers -----	1 434	2 496 494	219 168	53 209	14 401	483 497	320 515	319 679
	Wholesale distributors and jobbers -----	1 274	2 225 138	196 126	47 667	12 689	426 010	278 090	281 444
	Importers -----	121	228 289	18 644	4 467	1 313	48 354	40 835	36 646
	Exporters -----	21	15 354	2 231	583	220	5 000	1 243	1 128
	Terminal grain elevators -----	-	-	-	-	-	-	-	-
	Country grain elevators -----	-	-	-	-	-	-	-	-
	Assemblers of farm products, except country grain elevators -----	18	27 713	2 167	492	179	4 133	347	461
	Manufacturers' sales branches and sales offices -----	160	1 269 797	59 273	14 447	2 254	118 606	135 834	119 512
	Sales branches (with stock) -----	116	1 125 077	52 017	12 618	1 952	104 481	135 834	119 512
	Sales offices (without stock) -----	44	144 720	7 256	1 829	302	14 125	-	-
	Agent, brokers, and commission merchants -----	143	318 078	9 185	2 202	555	18 779	1 176	1 532
	Auction companies -----	-	-	-	-	-	-	-	-
	Brokers (representing buyers and sellers) -----	35	171 737	3 397	790	170	7 241	271	327
	Commission merchants -----	29	38 131	1 882	446	125	3 706	150	228
	Import agents -----	5	14 405	309	63	20	546	120	132
	Export agents -----	-	-	-	-	-	-	-	-
	Manufacturers' agents -----	74	93 805	3 597	903	240	7 286	635	845
	TYPES OF OPERATION BY KIND OF BUSINESS								
	Wholesale trade -----	1 737	4 084 369	287 626	69 858	17 210	620 882	457 525	440 723
50	Durable goods -----	899	1 443 229	157 461	38 758	8 714	319 373	229 527	224 896
501	Motor vehicles and automotive parts and supplies -----	103	293 883	21 631	5 095	1 349	48 216	54 932	49 567
5012	Automobiles and other motor vehicles -----	11	190 782	7 360	1 867	347	21 462	30 697	26 105
5013	Automotive parts and supplies -----	78	90 661	12 114	2 705	863	22 848	21 965	21 066
5014	Tires and tubes -----	14	12 440	2 157	523	139	3 906	2 270	2 396
502	Furniture and home furnishings -----	59	68 643	8 043	2 102	497	15 999	11 610	12 425
5021	Furniture -----	26	23 767	4 158	1 065	247	7 646	4 094	4 285
5023	Home furnishings -----	33	44 876	3 885	1 037	250	8 353	7 516	8 140
503	Lumber and other construction materials -----	91	126 739	13 175	3 351	716	28 515	18 592	16 893
5031	Lumber, plywood and millwork -----	22	53 602	6 485	1 700	340	11 611	9 296	8 262
5039	Construction materials, n.e.c. -----	69	73 137	6 690	1 651	376	16 904	9 296	8 631
504	Sporting, recreational, photographic, and hobby goods, toys and supplies -----	53	83 413	6 673	1 684	379	12 471	7 581	10 210
5041	Sporting and recreational goods and supplies -----	32	26 648	2 224	540	124	4 606	3 717	3 742
5042	Toys and hobby goods and supplies -----	11	13 801	1 647	365	107	2 658	1 841	3 164
5043	Photographic equipment and supplies -----	10	42 964	2 802	779	148	5 207	2 023	3 304
505	Metals and minerals, except petroleum -----	12	25 358	2 231	598	126	4 781	3 930	3 375
5051	Metals service centers and offices -----	12	25 358	2 231	598	126	4 781	3 930	3 375
5052	Coal and other minerals and ores -----	-	-	-	-	-	-	-	-
506	Electrical goods -----	107	244 951	19 452	4 616	1 116	43 413	30 470	31 035
5063	Electrical apparatus and equipment -----	47	105 921	8 675	2 140	457	18 134	14 077	13 506
5064	Electrical appliances, television and radio sets -----	30	81 662	6 186	1 461	399	15 148	11 797	11 933
5065	Electronic parts and equipment -----	30	57 368	4 591	1 015	260	10 131	4 596	5 596
507	Hardware, and plumbing and heating equipment and supplies -----	83	98 641	13 158	3 632	694	25 909	14 814	15 992
5072	Hardware -----	29	31 122	4 709	1 215	270	9 661	6 208	6 222
5074	Plumbing and heating equipment and supplies (hydronics) -----	37	47 069	5 751	1 556	315	11 645	7 164	7 132
5075	Warm air heating and air conditioning equipment and supplies -----	6	10 926	983	266	39	1 920	341	952
5078	Refrigeration equipment and supplies -----	11	9 524	1 715	595	70	2 683	1 101	1 686
508	Machinery, equipment, and supplies -----	268	418 117	64 803	15 746	3 209	120 826	72 692	70 569
5081	Commercial machines and equipment -----	88	178 235	36 488	8 705	1 500	61 882	25 410	27 380
5082	Construction and mining machinery and equipment -----	14	48 855	5 666	1 464	284	11 746	19 617	16 433
5083	Farm and garden machinery and equipment -----	12	16 882	1 551	301	93	3 494	2 896	2 718
5084	Industrial machinery and equipment -----	35	61 938	6 554	1 598	372	13 332	6 712	6 453
5085	Industrial supplies -----	42	47 297	5 653	1 415	335	12 250	9 290	8 933
5086	Professional equipment and supplies -----	42	41 397	5 554	1 368	363	10 922	5 482	5 313
5087	Service establishment equipment and supplies -----	29	19 943	3 106	833	245	6 655	2 896	2 970
5088	Transportation equipment and supplies, except motor vehicles -----	6	3 570	231	62	17	545	389	369
509	Miscellaneous durable goods -----	123	83 484	8 295	1 934	628	19 243	14 906	14 830
5093	Scrap and waste materials -----	17	10 253	1 796	472	132	4 615	1 177	983
5094	Jewelry, watches, diamonds and other precious stones -----	67	49 510	4 452	1 001	340	10 205	11 592	11 595
5099	Durable goods, n.e.c. -----	39	23 721	2 047	461	156	4 423	2 137	2 252

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS—Con.									
Wholesale trade—Con.									
51	Nondurable goods	838	2 641 140	130 165	31 100	8 496	301 509	227 998	215 827
511	Paper and paper products	66	104 774	11 063	2 739	650	22 634	12 155	12 684
5111	Printing and writing paper	10	31 749	2 829	672	121	6 212	4 970	4 921
5112	Stationery supplies	34	43 807	5 760	1 489	342	10 611	3 943	4 381
5113	Industrial and personal service paper	22	29 218	2 474	578	187	5 811	3 242	3 382
512	Drugs, drug proprietaries and druggists' sundries	42	122 196	9 098	2 198	573	21 875	14 856	16 010
5122	Drugs, drug proprietaries, and druggists' sundries	42	122 196	9 098	2 198	573	21 875	14 856	16 010
513	Apparel, piece goods, and notions	70	71 081	6 909	1 664	568	15 476	9 367	8 877
5133	Piece goods (woven fabrics)	14	23 632	2 110	537	137	5 515	3 883	3 169
5134	Notions and other dry goods	8	5 567	719	189	66	1 380	664	789
5136	Men's and boys' clothing and furnishings	14	16 219	1 254	283	94	2 340	1 677	1 875
5137	Women's, children's and infants' clothing and accessories	22	21 394	2 271	507	229	5 057	2 434	2 264
5139	Footwear	12	4 269	555	148	42	1 184	709	780
514	Groceries and related products	339	1 187 153	59 290	14 029	4 039	133 047	93 731	87 789
5141	Groceries, general line	39	189 428	7 365	1 826	448	15 555	10 121	10 563
5142	Frozen foods	37	168 337	6 940	1 650	500	18 673	8 865	9 908
5143	Dairy products	20	51 659	2 281	523	135	5 432	1 920	2 063
5144	Poultry and poultry products	8	19 537	1 006	240	108	2 790	568	547
5145	Confectionery	25	42 482	3 350	889	270	7 105	3 952	4 028
5146	Fish and seafoods	32	38 534	3 118	708	239	7 029	2 497	1 907
5147	Meats and meat products	33	190 930	8 673	2 151	449	18 850	10 348	10 568
5148	Fresh fruits and vegetables	53	107 262	9 137	2 024	799	18 242	1 919	2 118
5149	Groceries and related products, n.e.c.	92	378 984	17 420	4 018	1 091	39 371	53 541	46 087
515	Farm-product raw materials	4	4 182	380	69	41	771	38	47
5152	Cotton	-	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-	-
5154	Livestock	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	33	68 316	4 499	1 021	212	12 671	5 935	6 496
5161	Chemicals and allied products	33	68 316	4 499	1 021	212	12 671	5 935	6 496
517	Petroleum and petroleum products	42	671 552	7 623	1 853	317	24 169	41 463	32 523
5171	Petroleum bulk stations and terminals	29	594 540	6 027	1 471	239	20 629	39 515	30 276
5172	Petroleum and petroleum products, except bulk stations and terminals	13	77 012	1 596	382	78	3 540	1 948	2 247
518	Beer, wine and distilled alcoholic beverages	37	175 607	11 174	2 671	592	27 667	21 369	21 961
5181	Beer and ale	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	205	236 279	20 129	4 856	1 504	43 199	29 084	29 440
5191	Farm supplies	40	65 237	4 061	993	263	8 843	12 125	12 462
5194	Tobacco and tobacco products	11	48 381	2 015	393	88	4 041	3 718	3 111
5198	Paints, varnishes, and supplies	11	9 252	1 058	275	69	2 614	1 297	1 311
5199	Nondurable goods, n.e.c.	143	113 409	12 995	3 195	1 084	27 701	11 944	12 556
	Merchant wholesalers	1 434	2 496 494	219 168	53 209	14 401	483 497	320 515	319 679
50	Durable goods	767	1 083 918	115 826	28 654	7 138	248 621	183 756	180 102
501	Motor vehicles and automotive parts and supplies	100	288 643	20 678	4 857	1 290	46 493	54 362	49 019
5012	Automobiles and other motor vehicles	11	190 782	7 360	1 867	347	21 462	30 697	26 105
5013	Automotive parts and supplies	77	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	12	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	48	58 746	7 520	1 938	458	15 080	10 794	11 599
5021	Furniture	23	22 848	4 108	1 048	243	7 544	4 091	4 282
5023	Home furnishings	25	35 898	3 412	890	215	7 536	6 703	7 317
503	Lumber and other construction materials	74	106 463	12 071	3 062	664	25 625	16 169	14 450
5031	Lumber, plywood and millwork	21	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	45	46 878	5 233	1 277	317	9 917	6 500	8 915
5041	Sporting and recreational goods and supplies	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5042	Toys and hobby goods and supplies	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5051	Metals service centers and offices	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-
506	Electrical goods	78	173 627	14 380	3 355	883	33 403	25 543	26 355
5063	Electrical apparatus and equipment	30	48 834	4 863	1 161	284	10 415	9 547	9 323
5064	Electrical appliances, television and radio sets	25	79 556	5 958	1 402	382	14 689	11 784	11 919
5065	Electronic parts and equipment	23	45 237	3 559	792	217	8 299	4 212	5 113
507	Hardware, and plumbing and heating equipment and supplies	71	86 321	12 197	3 409	650	23 929	14 332	15 475
5072	Hardware	25	30 016	4 555	1 177	262	9 316	5 978	6 010
5074	Plumbing and heating equipment and supplies (hydronics)	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5075	Warm air heating and air conditioning equipment and supplies	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	11	9 524	1 715	595	70	2 683	1 101	1 686

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS—Con.									
Merchant wholesalers—Con.									
50	Durable goods—Con.								
508	Machinery, equipment, and supplies	230	226 266	33 690	8 336	2 167	71 337	37 716	36 637
5081	Commercial machines and equipment	71	69 184	11 996	2 914	748	25 412	7 347	8 660
5082	Construction and mining machinery and equipment	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5084	Industrial machinery and equipment	28	34 128	4 729	1 171	292	9 878	4 565	4 390
5085	Industrial supplies	38	35 447	4 983	1 253	309	10 838	8 152	7 680
5086	Professional equipment and supplies	38	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5087	Service establishment equipment and supplies	29	19 943	3 106	833	245	6 655	2 896	2 970
5088	Transportation equipment and supplies, except motor vehicles	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	111	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	17	10 253	1 796	472	132	4 615	1 177	983
5094	Jewelry, watches, diamonds and other precious stones	62	46 851	4 255	953	319	9 807	11 577	11 588
5099	Durable goods, n.e.c.	32	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	667	1 412 578	103 342	24 555	7 263	234 876	136 759	139 577
511	Paper and paper products	54	83 034	9 316	2 293	583	19 747	11 816	12 252
5111	Printing and writing paper	10	31 749	2 829	672	121	6 212	4 970	4 921
5112	Stationery supplies	24	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	20	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	33	110 450	8 294	2 006	525	19 779	14 162	15 553
5122	Drugs, drug proprietaries, and druggists' sundries	33	110 450	8 294	2 006	525	19 779	14 162	15 553
513	Apparel, piece goods, and notions	59	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5133	Piece goods (woven fabrics)	14	23 632	2 110	537	137	5 515	3 883	3 169
5134	Notions and other dry goods	8	5 567	719	189	66	1 380	664	789
5136	Men's and boys' clothing and furnishings	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	15	17 133	1 907	412	195	4 075	2 355	2 185
5139	Footwear	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	263	733 692	46 536	10 987	3 439	105 143	56 569	56 359
5141	Groceries, general line	29	143 249	6 678	1 669	408	14 320	10 121	10 536
5142	Frozen foods	29	121 129	6 028	1 428	449	16 601	8 353	9 162
5143	Dairy products	15	21 928	1 294	283	94	2 836	1 049	1 085
5144	Poultry and poultry products	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	23	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5146	Fish and seafoods	29	28 617	2 801	640	218	6 524	2 377	1 775
5147	Meats and meat products	26	130 659	7 069	1 696	359	15 044	8 276	8 305
5148	Fresh fruits and vegetables	47	94 952	8 659	1 910	760	17 221	1 860	2 047
5149	Groceries and related products, n.e.c.	59	143 193	10 250	2 356	809	23 830	20 088	18 990
515	Farm-product raw materials	4	4 182	380	69	41	771	38	47
5152	Cotton	-	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-	-
5154	Livestock	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	24	27 463	2 848	602	142	8 571	4 468	5 032
5161	Chemicals and allied products	24	27 463	2 848	602	142	8 571	4 468	5 032
517	Petroleum and petroleum products	15	62 350	2 155	533	115	4 566	1 269	1 031
5171	Petroleum bulk stations and terminals	7	16 522	1 016	256	49	2 241	1 140	826
5172	Petroleum and petroleum products, except bulk stations and terminals	8	45 828	1 139	277	66	2 325	129	205
518	Beer, wine and distilled alcoholic beverages	35	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	13	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	22	89 593	6 789	1 662	365	14 414	14 931	15 268
519	Miscellaneous nondurable goods	180	159 305	16 235	3 866	1 304	34 887	17 780	18 544
5191	Farm supplies	33	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	128	92 912	12 233	3 006	1 030	26 182	11 944	12 540
Manufacturers' sales branches and sales offices									
		160	1 269 797	59 273	14 447	2 254	118 606	135 834	119 512
50	Durable goods	68	304 529	38 663	9 349	1 393	64 637	45 137	44 062
501	Motor vehicles and automotive parts and supplies	3	5 240	953	238	59	1 723	570	548
502	Furniture and home furnishings	3	5 153	365	112	20	595	738	728
503	Lumber and other construction materials	9	16 923	661	167	27	1 932	2 235	2 229
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	12	51 681	4 237	1 030	178	8 306	4 887	4 632
507	Hardware, and plumbing and heating equipment and supplies	4	3 129	289	69	13	567	230	212
508	Machinery, equipment, and supplies	31	181 388	30 635	7 300	1 023	48 576	34 942	33 913
509	Miscellaneous durable goods	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	92	965 268	20 610	5 098	861	53 969	90 697	75 450
511	Paper and paper products	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	3	5 102	472	114	25	1 267	692	455
513	Apparel, piece goods, and notions	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	28	222 155	7 815	1 913	325	17 983	36 666	30 771
515	Farm-product raw materials	-	-	-	-	-	-	-	-

Table 1. Summary Statistics for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Operating expenses (\$1,000)	End-of-1981 inventories (\$1,000)	End-of-1982 inventories (\$1,000)
TYPES OF OPERATION BY KIND OF BUSINESS—Con.									
Manufacturers' sales branches and sales offices—Con.									
51	Nondurable goods—Con.								
516	Chemicals and allied products	9	40 853	1 651	419	70	4 100	1 467	1 464
517	Petroleum and petroleum products	27	609 202	5 468	1 320	202	19 603	40 194	31 492
518	Beer, wine and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	12	58 460	3 312	845	155	7 123	11 304	10 880
	Agent, brokers, and commission merchants	143	318 078	9 185	2 202	555	18 779	1 176	1 532
50	Durable goods	64	54 782	2 972	755	183	6 115	634	732
501	Motor vehicles and automotive parts and supplies	-	-	-	-	-	-	-	-
502	Furniture and home furnishings	8	4 744	158	52	19	324	78	98
503	Lumber and other construction materials	8	3 353	443	122	25	958	188	214
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	17	19 643	835	231	55	1 704	40	48
507	Hardware, and plumbing and heating equipment and supplies	8	9 191	672	154	31	1 413	252	305
508	Machinery, equipment, and supplies	7	10 463	478	110	19	913	34	19
509	Miscellaneous durable goods	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	79	263 296	6 213	1 447	372	12 664	542	800
511	Paper and paper products	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	6	6 644	332	78	23	829	2	2
513	Apparel, piece goods, and notions	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	48	231 306	4 939	1 129	275	9 921	496	659
515	Farm-product raw materials	-	-	-	-	-	-	-	-
516	Chemicals and allied products	-	-	-	-	-	-	-	-
517	Petroleum and petroleum products	-	-	-	-	-	-	-	-
518	Beer, wine and distilled alcoholic beverages	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	13	18 514	582	145	45	1 189	-	16

Table 2. Comparative Statistics for the State: 1982 and 1977

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Wholesale trade	1 737	1 569	4 084 369	2 571 489	58.8	287 626	177 556	62.0
50	Durable goods	899	792	1 443 229	877 979	64.4	157 461	96 564	63.1
501	Motor vehicles and automotive parts and supplies	103	93	293 883	121 496	141.9	21 631	11 757	84.0
5012	Automobiles and other motor vehicles	11	13	190 782	59 387	221.3	7 360	3 518	109.2
5013	Automotive parts and supplies	78	70	90 661	56 928	59.3	12 114	7 238	67.4
5014	Tires and tubes	14	10	12 440	5 181	140.1	2 157	1 001	115.5
502	Furniture and home furnishings	59	53	68 643	45 388	51.2	8 043	4 129	94.8
5021	Furniture	26	23	23 767	14 797	60.6	4 158	1 512	175.0
5023	Home furnishings	33	27	44 876	30 591	46.7	3 885	2 617	48.5
503	Lumber and other construction materials	91	80	126 739	122 909	3.1	13 175	13 569	-2.9
5031	Lumber, plywood and millwork	22	29	53 602	89 278	-40.0	6 485	10 466	-38.0
5039	Construction materials, n.e.c.	69	51	73 137	33 631	117.5	6 690	3 103	115.6
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	53	42	83 413	40 235	107.3	6 673	3 346	99.4
5041	Sporting and recreational goods and supplies	32	23	26 648	13 271	100.8	2 224	1 269	75.3
5042	Toys and hobby goods and supplies	11	8	13 801	5 244	163.2	1 647	571	188.4
5043	Photographic equipment and supplies	10	11	42 964	21 720	97.8	2 802	1 506	86.1
505	Metals and minerals, except petroleum	12	16	25 358	22 006	15.2	2 231	1 937	15.2
5051	Metals service centers and offices	12	16	25 358	22 006	15.2	2 231	1 937	15.2
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-
506	Electrical goods	107	100	244 951	182 752	34.0	19 452	15 322	27.0
5063	Electrical apparatus and equipment	47	53	105 921	113 184	-6.4	8 675	8 744	-0.8
5064	Electrical appliances, television and radio sets	30	29	81 662	57 796	41.3	6 186	5 122	20.8
5065	Electronic parts and equipment	30	18	57 368	11 772	387.3	4 591	1 456	215.3
507	Hardware, and plumbing and heating equipment and supplies	83	72	98 641	59 444	65.9	13 158	6 133	114.5
5072	Hardware	29	29	31 122	18 519	68.1	4 709	2 625	79.4
5074	Plumbing and heating equipment and supplies (hydronics)	37	26	47 069	27 048	74.0	5 751	1 859	209.4
5075	Warm air heating and air conditioning equipment and supplies	6	8	10 926	4 848	125.4	983	455	116.0
5078	Refrigeration equipment and supplies	11	9	9 524	9 029	5.5	1 715	1 194	43.6

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Wholesale trade—Con.								
50	Durable goods—Con.								
508	Machinery, equipment, and supplies	268	237	418 117	230 427	81.5	64 803	35 080	84.7
5081	Commercial machines and equipment	88	67	178 235	97 184	83.4	36 488	17 356	110.2
5082	Construction and mining machinery and equipment	14	23	48 855	27 600	77.0	5 666	3 665	54.6
5083	Farm and garden machinery and equipment	12	11	16 882	(D)	(D)	1 551	(D)	(D)
5084	Industrial machinery and equipment	35	30	61 938	22 964	169.7	6 554	3 614	81.4
5085	Industrial supplies	42	34	47 297	26 313	79.7	5 653	3 081	83.5
5086	Professional equipment and supplies	42	38	41 397	25 281	63.7	5 554	3 511	58.2
5087	Service establishment equipment and supplies	29	31	19 943	16 674	19.6	3 106	2 367	31.2
5088	Transportation equipment and supplies, except motor vehicles	6	3	3 570	(D)	(D)	231	(D)	(D)
509	Miscellaneous durable goods	123	99	83 484	53 322	56.6	8 295	5 291	56.8
5093	Scrap and waste materials	17	13	10 253	6 252	64.0	1 796	1 178	52.5
5094	Jewelry, watches, diamonds and other precious stones ..	67	58	49 510	24 124	105.2	4 452	2 293	94.2
5099	Durable goods, n.e.c.	39	28	23 721	22 946	3.4	2 047	1 820	12.5
51	Nondurable goods	838	777	2 641 140	1 693 510	56.0	130 165	80 992	60.7
511	Paper and paper products	66	61	104 774	67 270	55.8	11 063	6 663	66.0
5111	Printing and writing paper	10	6	31 749	11 780	169.5	2 829	865	227.1
5112	Stationery supplies	34	34	43 807	20 167	117.2	5 760	2 826	103.8
5113	Industrial and personal service paper	22	21	29 218	35 323	-17.3	2 474	2 972	-16.8
512	Drugs, drug proprietaries, and druggists' sundries	42	42	122 196	47 513	157.2	9 098	4 178	117.8
5122	Drugs, drug proprietaries, and druggists' sundries	42	42	122 196	47 513	157.2	9 098	4 178	117.8
513	Apparel, piece goods, and notions	70	71	71 081	58 661	21.2	6 909	4 628	49.3
5133	Piece goods (woven fabrics)	14	23	23 632	26 947	-12.3	2 110	1 880	12.2
5134	Notions and other dry goods	8	9	5 567	4 499	23.7	719	462	55.6
5136	Men's and boys' clothing and furnishings	14	16	16 219	19 470	-16.7	1 254	1 466	-14.5
5137	Women's, children's and infants' clothing and accessories	22	16	21 394	5 445	292.9	2 271	517	339.3
5139	Footwear	12	7	4 269	2 300	85.6	555	303	83.2
514	Groceries and related products	339	310	1 187 153	696 494	70.4	59 290	36 304	63.3
5141	Groceries, general line	39	24	189 428	107 334	76.5	7 365	4 500	63.7
5142	Frozen foods	37	41	168 337	99 566	69.1	6 940	4 640	49.6
5143	Dairy products	20	19	51 659	23 406	120.7	2 281	1 268	79.9
5144	Poultry and poultry products	8	6	19 537	5 936	229.1	1 006	354	184.2
5145	Confectionery	25	24	42 482	60 145	-29.4	3 350	2 930	14.3
5146	Fish and seafoods	32	27	38 534	33 031	16.7	3 118	2 326	34.0
5147	Meats and meat products	33	33	190 930	118 999	60.4	8 673	6 692	29.6
5148	Fresh fruits and vegetables	53	47	107 262	68 466	56.7	9 137	5 582	63.7
5149	Groceries and related products, n.e.c.	92	89	378 984	179 611	111.0	17 420	8 012	117.4
515	Farm-product raw materials	4	6	4 182	2 603	60.7	380	137	177.4
5152	Cotton	-	-	-	-	-	-	-	-
5153	Grain	1	1	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	1	1	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	4	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	33	25	68 316	31 354	117.9	4 499	3 067	46.7
5161	Chemicals and allied products	33	25	68 316	31 354	117.9	4 499	3 067	46.7
517	Petroleum and petroleum products	42	43	671 552	506 337	32.6	7 623	4 923	54.8
5171	Petroleum bulk stations and terminals	29	35	594 540	(D)	(NC)	6 027	(D)	(NC)
5172	Petroleum and petroleum products, except bulk stations and terminals	13	8	77 012	(D)	(NC)	1 596	(D)	(NC)
518	Beer, wine and distilled alcoholic beverages	37	31	175 607	130 745	34.3	11 174	6 629	68.6
5181	Beer and ale	14	12	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	23	19	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	205	188	236 279	152 533	54.9	20 129	14 463	39.2
5191	Farm supplies	40	35	65 237	51 005	27.9	4 061	4 050	.3
5194	Tobacco and tobacco products	11	10	48 381	28 219	71.4	2 015	1 105	82.4
5198	Paints, varnishes, and supplies	11	18	9 252	13 346	-30.7	1 058	1 764	-40.0
5199	Nondurable goods, n.e.c.	143	125	113 409	59 963	89.1	12 995	7 544	72.3
	Merchant wholesalers	1 434	1 261	2 496 494	1 430 527	74.5	219 168	132 941	64.9
50	Durable goods	767	661	1 083 918	591 516	83.2	115 826	71 017	63.1
501	Motor vehicles and automotive parts and supplies	100	88	288 643	117 626	145.4	20 678	10 974	88.4
5012	Automobiles and other motor vehicles	11	12	190 782	(D)	(D)	7 360	(D)	(D)
5013	Automotive parts and supplies	77	67	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	12	9	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	48	43	58 746	33 927	73.2	7 520	3 653	105.9
5021	Furniture	23	22	22 848	10 091	126.4	4 108	1 297	216.7
5023	Home furnishings	25	21	35 898	23 836	50.6	3 412	2 356	44.8
503	Lumber and other construction materials	74	61	106 463	61 748	72.4	12 071	8 025	50.4
5031	Lumber, plywood and millwork	21	23	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	53	38	(D)	(D)	(D)	(D)	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	45	33	46 878	20 565	128.0	5 233	2 211	136.7
5041	Sporting and recreational goods and supplies	27	18	(D)	10 779	(D)	(D)	1 156	(D)
5042	Toys and hobby goods and supplies	10	7	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	8	8	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	10	12	(D)	17 296	(D)	(D)	1 624	(D)
5051	Metals service centers and offices	10	12	(D)	17 296	(D)	(D)	1 624	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Merchant wholesalers—Con.								
50	Durable goods—Con.								
506	Electrical goods	78	72	173 627	113 740	52.7	14 380	12 316	16.8
5063	Electrical apparatus and equipment	30	36	48 834	60 969	-19.9	4 863	7 019	-30.7
5064	Electrical appliances, television and radio sets	25	22	79 556	(D)	(D)	5 958	(D)	(D)
5065	Electronic parts and equipment	23	14	45 237	(D)	(D)	3 559	(D)	(D)
507	Hardware, and plumbing and heating equipment and supplies	71	55	86 321	42 287	104.1	12 197	5 488	122.2
5072	Hardware	25	23	30 016	16 785	78.8	4 555	2 436	87.0
5074	Plumbing and heating equipment and supplies (hydronics)	32	18	(D)	15 381	(D)	(D)	1 626	(D)
5075	Warm air heating and air conditioning equipment and supplies	3	6	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	11	8	9 524	(D)	(D)	1 715	(D)	(D)
508	Machinery, equipment, and supplies	230	212	226 266	144 879	56.2	33 690	22 089	52.5
5081	Commercial machines and equipment	71	50	69 184	26 322	162.8	11 996	5 657	112.1
5082	Construction and mining machinery and equipment	10	23	(D)	27 600	(D)	(D)	3 665	(D)
5083	Farm and garden machinery and equipment	11	11	(D)	(D)	(D)	(D)	(D)	(D)
5084	Industrial machinery and equipment	28	29	34 128	(D)	(D)	4 729	(D)	(D)
5085	Industrial supplies	38	30	35 447	(D)	(D)	4 983	(D)	(D)
5086	Professional equipment and supplies	38	36	(D)	(D)	(D)	(D)	(D)	(D)
5087	Service establishment equipment and supplies	29	30	19 943	(D)	(D)	3 106	(D)	(D)
5088	Transportation equipment and supplies, except motor vehicles	5	3	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	111	85	(D)	39 448	(D)	(D)	4 637	(D)
5093	Scrap and waste materials	17	13	10 253	6 252	64.0	1 796	1 178	52.5
5094	Jewelry, watches, diamonds and other precious stones ..	62	51	46 851	20 934	123.8	4 255	1 981	114.8
5099	Durable goods, n.e.c.	32	21	(D)	12 262	(D)	(D)	1 478	(D)
51	Nondurable goods	667	600	1 412 576	839 011	68.4	103 342	61 924	66.9
511	Paper and paper products	54	46	83 034	44 958	84.7	9 316	5 264	77.0
5111	Printing and writing paper	10	6	31 749	11 780	169.5	2 829	865	227.1
5112	Stationery supplies	24	24	(D)	10 949	(D)	(D)	1 834	(D)
5113	Industrial and personal service paper	20	16	(D)	22 229	(D)	(D)	2 565	(D)
512	Drugs, drug proprietaries and druggists' sundries	33	31	110 450	28 518	287.3	8 294	2 557	224.4
5122	Drugs, drug proprietaries, and druggists' sundries	33	31	110 450	28 518	287.3	8 294	2 557	224.4
513	Apparel, piece goods, and notions	59	56	(D)	45 482	(D)	(D)	4 136	(D)
5133	Piece goods (woven fabrics)	14	19	23 632	24 145	-2.1	2 110	1 833	15.1
5134	Notions and other dry goods	8	7	5 567	(D)	(D)	719	(D)	(D)
5136	Men's and boys' clothing and furnishings	11	9	(D)	11 246	(D)	(D)	1 213	(D)
5137	Women's, children's and infants' clothing and accessories	15	14	17 133	(D)	(D)	1 907	(D)	(D)
5139	Footwear	11	7	(D)	2 300	(D)	(D)	303	(D)
514	Groceries and related products	263	244	733 692	466 803	57.2	46 536	28 302	64.4
5141	Groceries, general line	29	24	143 249	107 334	33.5	6 678	4 500	48.4
5142	Frozen foods	29	34	121 129	86 580	39.9	6 028	4 445	35.6
5143	Dairy products	15	15	21 928	(D)	(D)	1 294	(D)	(D)
5144	Poultry and poultry products	6	5	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	23	17	(D)	14 150	(D)	(D)	1 283	(D)
5146	Fish and seafoods	29	25	28 617	(D)	(D)	2 801	(D)	(D)
5147	Meats and meat products	26	25	130 659	74 544	75.3	7 069	4 534	55.9
5148	Fresh fruits and vegetables	47	39	94 952	60 709	56.4	8 659	5 160	67.8
5149	Groceries and related products, n.e.c.	59	60	143 193	82 462	73.6	10 250	5 277	94.2
515	Farm-product raw materials	4	5	4 182	(D)	(D)	380	(D)	(D)
5152	Cotton	-	-	-	-	-	-	-	-
5153	Grain	1	1	(D)	(D)	(D)	(D)	(D)	(D)
5154	Livestock	1	1	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	3	3	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	24	17	27 463	17 786	54.4	2 848	2 229	27.8
5161	Chemicals and allied products	24	17	27 463	17 786	54.4	2 848	2 229	27.8
517	Petroleum and petroleum products	15	11	62 350	7 211	764.7	2 155	663	225.0
5171	Petroleum bulk stations and terminals	7	5	16 522	(D)	(NC)	1 016	(D)	(NC)
5172	Petroleum and petroleum products, except bulk stations and terminals	8	6	45 828	(D)	(NC)	1 139	(D)	(NC)
518	Beer, wine and distilled alcoholic beverages	35	26	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	13	12	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	22	14	89 593	(D)	(D)	6 789	(D)	(D)
519	Miscellaneous nondurable goods	180	164	159 305	121 699	30.9	16 235	12 446	30.4
5191	Farm supplies	33	27	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco and tobacco products	9	8	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	10	15	(D)	7 628	(D)	(D)	954	(D)
5199	Nondurable goods, n.e.c.	128	114	92 912	53 351	74.2	12 233	7 178	70.4
	Manufacturers' sales branches and sales offices ..	160	166	1 269 797	902 959	40.6	59 273	36 256	63.5
50	Durable goods	68	69	304 529	233 522	30.4	38 663	23 498	64.5
501	Motor vehicles and automotive parts and supplies	3	3	5 240	(D)	(D)	953	(D)	(D)
502	Furniture and home furnishings	3	4	5 153	6 341	-18.7	365	271	34.7
503	Lumber and other construction materials	9	13	16 923	(D)	(D)	661	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	3	3	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	2	(D)	(D)	(D)	(D)	(D)	(D)

Table 2. Comparative Statistics for the State: 1982 and 1977—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Establishments		Sales			Annual payroll		
		1982 (number)	1977 (number)	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982	1982 (\$1,000)	1977 (\$1,000)	Percent change 1977 to 1982
	Manufacturers' sales branches and sales offices —Con.								
50	Durable goods—Con.								
506	Electrical goods	12	15	51 681	56 192	-8.0	4 237	2 449	73.0
507	Hardware, and plumbing and heating equipment and supplies	4	7	3 129	(D)	(D)	289	(D)	(D)
508	Machinery, equipment, and supplies	31	18	181 388	(D)	(D)	30 635	(D)	(D)
509	Miscellaneous durable goods	2	4	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	92	97	965 268	669 437	44.2	20 610	12 758	61.5
511	Paper and paper products	10	10	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	3	3	5 102	(D)	(D)	472	(D)	(D)
513	Apparel, piece goods, and notions	2	2	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	28	28	222 155	104 913	111.8	7 815	4 530	72.5
515	Farm-product raw materials	-	-	-	-	-	-	-	-
516	Chemicals and allied products	9	8	40 853	13 568	201.1	1 651	838	97.0
517	Petroleum and petroleum products	27	31	609 202	(D)	(D)	5 468	(D)	(D)
518	Beer, wine and distilled alcoholic beverages	1	1	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	12	14	58 460	(D)	(D)	3 312	(D)	(D)
	Agents, brokers, and commission merchants	143	142	318 078	238 003	33.6	9 185	8 359	9.9
50	Durable goods	64	62	54 782	52 941	3.5	2 972	2 049	45.0
501	Motor vehicles and automotive parts and supplies	-	2	-	(D)	(D)	-	(D)	(D)
502	Furniture and home furnishings	8	6	4 744	5 120	-7.4	158	205	-22.9
503	Lumber and other construction materials	8	6	3 353	(D)	(D)	443	(D)	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	5	6	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	1	2	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	17	13	19 643	12 820	53.2	835	557	49.9
507	Hardware, and plumbing and heating equipment and supplies	8	10	9 191	(D)	(D)	672	(D)	(D)
508	Machinery, equipment, and supplies	7	7	10 463	(D)	(D)	478	(D)	(D)
509	Miscellaneous durable goods	10	10	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	79	80	263 296	185 062	42.3	6 213	6 310	-1.5
511	Paper and paper products	2	5	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	6	8	6 644	(D)	(D)	332	(D)	(D)
513	Apparel, piece goods, and notions	9	13	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	48	38	231 306	124 778	85.4	4 939	3 472	42.3
515	Farm-product raw materials	-	1	-	(D)	(D)	-	(D)	(D)
516	Chemicals and allied products	-	-	-	-	-	-	-	-
517	Petroleum and petroleum products	1	4	(D)	(D)	(D)	(D)	(D)	(D)
518	Beer, wine and distilled alcoholic beverages	1	1	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	13	10	18 514	(D)	(D)	582	(D)	(D)

Table 3. Selected Ratios for the State: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per estab- lishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per estab- lishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Wholesale trade	2 351 393	237 325	16 713	46.3	10	15.2	10.8
50	Durable goods	1 605 372	165 622	18 070	49.3	10	22.1	15.6
501	Motor vehicles and automotive parts and supplies	2 853 233	217 852	16 035	44.9	13	16.4	16.9
5012	Automobiles and other motor vehicles	17 343 618	549 804	21 210	34.3	32	11.2	13.7
5013	Automotive parts and supplies	1 162 321	105 053	14 037	53.0	11	25.2	23.2
5014	Tires and tubes	886 571	89 496	15 518	55.2	10	31.4	19.3
502	Furniture and home furnishings	1 163 441	138 115	16 183	50.3	8	23.3	18.1
5021	Furniture	914 115	96 223	16 834	54.4	10	32.2	18.0
5023	Home furnishings	1 359 879	179 504	15 540	46.5	8	18.6	18.1
503	Lumber and other construction materials	1 352 736	177 010	18 401	46.2	8	22.5	13.3
5031	Lumber, plywood and millwork	2 436 455	157 653	19 074	55.9	15	21.7	15.4
5039	Construction materials, n.e.c.	1 059 957	194 513	17 793	39.6	5	23.1	11.8
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1 573 830	220 087	17 607	53.5	7	15.0	12.2
5041	Sporting and recreational goods and supplies	832 750	214 903	17 935	48.3	4	17.3	14.0
5042	Toys and hobby goods and supplies	1 254 636	128 981	15 393	62.0	10	19.3	22.9
5043	Photographic equipment and supplies	4 296 400	290 297	18 932	53.8	15	12.1	7.7
505	Metals and minerals, except petroleum	2 113 167	201 254	17 706	46.7	11	18.9	13.3
5051	Metals service centers and offices	2 113 167	201 254	17 706	46.7	11	18.9	13.3
5052	Coal and other minerals and ores	-	-	-	-	-	-	-
506	Electrical goods	2 289 262	219 490	17 430	44.8	10	17.7	12.7
5063	Electrical apparatus and equipment	2 253 638	231 775	18 982	47.8	10	17.1	12.8
5064	Electrical appliances, television and radio sets	2 722 067	204 667	15 504	40.8	13	18.5	14.6
5065	Electronic parts and equipment	1 912 267	220 646	17 658	45.3	9	17.7	9.8

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Wholesale trade—Con.							
50	Durable goods—Con.							
507	Hardware, and plumbing and heating equipment and supplies	1 188 446	142 134	18 960	50.8	8	26.3	16.2
5072	Hardware	1 073 172	115 267	17 441	48.7	9	31.0	20.0
5074	Plumbing and heating equipment and supplies (hydronics)	1 272 135	149 425	18 257	49.4	9	24.7	15.2
5075	Warm air heating and air conditioning equipment and supplies	1 821 000	280 154	25 205	51.2	7	17.6	8.7
5078	Refrigeration equipment and supplies	865 818	136 057	24 500	63.9	6	28.2	17.7
508	Machinery, equipment, and supplies	1 560 138	130 295	20 194	53.6	12	28.9	16.9
5081	Commercial machines and equipment	2 025 398	118 823	24 325	59.0	17	34.7	15.4
5082	Construction and mining machinery and equipment	3 489 643	172 025	19 951	48.2	20	24.0	33.6
5083	Farm and garden machinery and equipment	1 406 833	181 527	16 677	44.4	8	20.7	16.1
5084	Industrial machinery and equipment	1 769 657	166 500	17 618	49.2	11	21.5	10.4
5085	Industrial supplies	1 126 119	141 185	16 875	46.1	8	25.9	18.9
5086	Professional equipment and supplies	985 643	114 041	15 300	50.9	9	26.4	12.8
5087	Service establishment equipment and supplies	687 690	81 400	12 678	46.7	8	33.4	14.9
5088	Transportation equipment and supplies, except motor vehicles	595 000	210 000	13 588	42.4	3	15.3	10.3
509	Miscellaneous durable goods	678 732	132 936	13 209	43.1	5	23.0	17.8
5093	Scrap and waste materials	603 118	77 674	13 606	38.9	8	45.0	9.6
5094	Jewelry, watches, diamonds and other precious stones	738 955	145 618	13 094	43.6	5	20.6	23.4
5099	Durable goods, n.e.c.	608 231	152 058	13 122	46.3	4	18.6	9.5
51	Nondurable goods	3 151 718	310 869	15 321	43.2	10	11.4	8.2
511	Paper and paper products	1 587 485	161 191	17 020	48.9	10	21.6	12.1
5111	Printing and writing paper	3 174 900	262 388	23 380	45.5	12	19.6	15.5
5112	Stationery supplies	1 288 441	128 091	16 842	54.3	10	24.2	10.0
5113	Industrial and personal service paper	1 328 091	156 246	13 230	42.6	9	19.9	11.6
512	Drugs, drug proprietaries and druggists' sundries	2 909 429	213 257	15 878	41.6	14	17.9	13.1
5122	Drugs, drug proprietaries, and druggists' sundries	2 909 429	213 257	15 878	41.6	14	17.9	13.1
513	Apparel, piece goods, and notions	1 015 443	125 143	12 164	44.6	8	21.8	12.5
5133	Piece goods (woven fabrics)	1 688 000	172 496	15 401	38.3	10	23.3	13.4
5134	Notions and other dry goods	695 875	84 348	10 894	52.1	8	24.8	14.2
5136	Men's and boys' clothing and furnishings	1 158 500	172 543	13 340	53.6	7	14.4	11.6
5137	Women's, children's and infants' clothing and accessories	972 455	93 424	9 917	44.9	10	23.6	10.6
5139	Footwear	355 750	101 643	13 214	46.9	4	27.7	18.3
514	Groceries and related products	3 501 926	293 923	14 679	44.6	12	11.2	7.4
5141	Groceries, general line	4 857 128	422 830	16 440	47.3	11	8.2	5.6
5142	Frozen foods	4 549 649	336 674	13 880	37.2	14	11.1	5.9
5143	Dairy products	2 582 950	382 659	16 896	42.0	7	10.5	4.0
5144	Poultry and poultry products	2 442 125	180 898	9 315	36.1	14	14.3	2.8
5145	Confectionery	1 699 280	157 341	12 407	47.1	11	16.7	9.5
5146	Fish and seafoods	1 204 188	161 230	13 046	44.4	7	18.2	4.9
5147	Meats and meat products	5 785 758	425 234	19 316	46.0	14	9.9	5.5
5148	Fresh fruits and vegetables	2 023 811	134 245	11 436	50.1	15	17.0	2.0
5149	Groceries and related products, n.e.c.	4 119 391	347 373	15 967	44.2	12	10.4	12.2
515	Farm-product raw materials	1 045 500	102 000	9 268	49.3	10	18.4	1.1
5152	Cotton	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals and allied products	2 070 182	322 245	21 222	35.5	6	18.5	9.5
5161	Chemicals and allied products	2 070 182	322 245	21 222	35.5	6	18.5	9.5
517	Petroleum and petroleum products	15 989 333	2 118 461	24 047	31.5	8	3.6	4.8
5171	Petroleum bulk stations and terminals	20 501 379	2 487 615	25 218	29.2	8	3.5	5.1
5172	Petroleum and petroleum products, except bulk stations and terminals	5 924 000	987 333	20 462	45.1	6	4.6	2.9
518	Beer, wine and distilled alcoholic beverages	4 746 135	296 633	18 875	40.4	16	15.8	12.5
5181	Beer and ale	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	1 152 580	157 100	13 384	46.6	7	18.3	12.5
5191	Farm supplies	1 630 925	248 049	15 441	45.9	7	13.6	19.1
5194	Tobacco and tobacco products	4 398 273	549 784	22 898	49.9	8	8.4	6.4
5198	Paints, varnishes, and supplies	841 091	134 087	15 333	40.5	6	28.3	14.2
5199	Nondurable goods, n.e.c.	793 070	104 621	11 988	46.9	8	24.4	11.1
	Merchant wholesalers	1 740 930	173 356	15 219	45.3	10	19.4	12.8
50	Durable goods	1 413 192	151 852	16 227	46.6	9	22.9	16.6
501	Motor vehicles and automotive parts and supplies	2 886 430	223 754	16 029	44.5	13	16.1	17.0
5012	Automobiles and other motor vehicles	17 343 818	549 804	21 210	34.3	32	11.2	13.7
5013	Automotive parts and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5014	Tires and tubes	(D)	(D)	(D)	(D)	(D)	(D)	(D)
502	Furniture and home furnishings	1 223 875	128 266	16 419	49.9	10	25.7	19.7
5021	Furniture	993 391	94 025	16 905	54.5	11	33.0	18.7
5023	Home furnishings	1 435 920	166 967	15 870	45.3	9	21.0	20.4
503	Lumber and other construction materials	1 438 689	160 336	18 179	47.1	9	24.1	13.6
5031	Lumber, plywood and millwork	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5039	Construction materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 3. Selected Ratios for the State: 1982—Con.

(For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A)

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Merchant wholesalers—Con.							
50	Durable goods—Con.							
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1 041 733	147 880	16 508	52.8	7	21.2	19.0
5041	Sporting end recreational goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5042	Toys and hobby goods and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5043	Photographic equipment and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5051	Metals service centers and offices	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-
506	Electrical goods	2 225 987	196 633	16 285	43.1	11	19.2	15.2
5063	Electrical apparatus and equipment	1 627 800	171 951	17 123	46.7	9	21.3	19.1
5064	Electrical appliances, television and radio sets	3 182 240	208 262	15 597	40.6	15	18.5	15.0
5065	Electronic parts and equipment	1 966 826	208 465	16 401	42.9	9	18.3	11.3
507	Hardware, end plumbing and heating equipment and supplies	1 215 789	132 802	18 765	51.0	9	27.7	17.9
5072	Hardware	1 200 640	114 565	17 385	48.9	10	31.0	20.0
5074	Plumbing and heating equipment and supplies (hydronics)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5075	Warm air heating and air conditioning equipment end supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5078	Refrigeration equipment and supplies	865 818	136 057	24 500	63.9	6	28.2	17.7
508	Machinery, equipment, and supplies	983 765	104 414	15 547	47.2	9	31.5	16.2
5081	Commercial machines end equipment	974 423	92 492	16 037	47.2	11	36.7	12.5
5082	Construction and mining machinery end equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5083	Farm and garden machinery and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5084	Industrial machinery end equipment	1 218 857	116 877	16 195	47.9	10	28.9	12.9
5085	Industrial supplies	932 816	114 715	16 126	46.0	8	30.6	21.7
5086	Professional equipment end supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5087	Service establishment equipment end supplies	687 690	81 400	12 678	46.7	8	33.4	14.9
5088	Transportation equipment and supplies, except motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5093	Scrap and waste materials	603 118	77 674	13 606	38.9	8	45.0	9.6
5094	Jewelry, watches, diamonds and other precious stones	755 661	146 868	13 339	43.4	5	20.9	24.7
5099	Durable goods, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	2 117 805	194 489	14 229	44.0	11	16.6	9.9
511	Paper and paper products	1 537 667	142 425	15 979	47.2	11	23.8	14.8
5111	Printing end writing paper	3 174 900	262 388	23 380	45.5	12	19.6	15.5
5112	Stationery supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5113	Industrial and personal service paper	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	3 346 970	210 381	15 798	41.9	16	17.9	14.1
5122	Drugs, drug proprietaries, end druggists' sundries	3 346 970	210 381	15 798	41.9	16	17.9	14.1
513	Apparel, piece goods, end notions	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5133	Piece goods (woven fabrics)	1 688 000	172 496	15 401	38.3	10	23.3	13.4
5134	Notions end other dry goods	695 875	84 348	10 894	52.1	8	24.8	14.2
5136	Men's end boys' clothing end furnishings	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5137	Women's, children's and infants' clothing and accessories	1 142 200	87 862	9 779	46.8	13	23.8	12.8
5139	Footwear	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries end related products	2 789 703	213 345	13 532	44.3	13	14.3	7.7
5141	Groceries, general line	4 939 621	351 100	16 368	46.6	14	10.0	7.4
5142	Frozen foods	4 176 862	269 775	13 425	36.3	15	13.7	7.6
5143	Dairy products	1 461 867	233 277	13 766	45.6	6	12.9	4.9
5144	Poultry and poultry products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5145	Confectionery	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5146	Fish and seafoods	986 793	131 271	12 849	42.9	8	22.8	6.2
5147	Meats and meat products	5 025 346	363 953	19 691	47.0	14	11.5	6.4
5148	Fresh fruits end vegetables	2 020 255	124 937	11 393	50.3	16	18.1	2.2
5149	Groceries end related products, n.e.c.	2 427 000	177 000	12 670	43.0	14	16.6	13.3
515	Farm-product raw materials	1 045 500	102 000	9 268	49.3	10	18.4	1.1
5152	Cotton	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-
5154	Livestock	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5159	Farm-product raw materials, n.e.c.	(D)	(D)	(D)	(D)	(D)	(D)	(D)
516	Chemicals end allied products	1 144 292	193 401	20 056	33.2	6	31.2	18.3
5161	Chemicals end allied products	1 144 292	193 401	20 056	33.2	6	31.2	18.3
517	Petroleum end petroleum products	4 156 667	542 174	18 739	47.2	8	7.3	1.7
5171	Petroleum bulk stations and terminals	2 360 286	337 184	20 735	45.3	7	13.6	5.0
5172	Petroleum and petroleum products, except bulk stations and terminals	5 728 500	694 364	17 258	49.0	8	5.1	.4
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5181	Beer and ale	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5182	Wines and distilled alcoholic beverages	4 072 409	245 460	18 600	47.1	17	16.1	17.0
519	Miscellaneous nondurable goods	885 028	122 166	12 450	46.5	7	21.9	11.6
5191	Ferm supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5194	Tobacco end tobacco products	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
5199	Nondurable goods, n.e.c.	725 875	90 206	11 877	46.7	8	28.2	13.5

See footnotes et end of table.

Table 3. Selected Ratios for the State: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A]

SIC code	Type of operation and kind of business	Sales		Annual payroll		Employees per establishment ¹ (number)	Operating expenses as percent of sales	End-of-1982 inventories as percent of sales
		Per establishment (dollars)	Per employee ¹ (dollars)	Per employee ¹ (dollars)	As percent of operating expenses			
	Manufacturers' sales branches and sales offices.....	7 936 231	583 353	26 297	50.0	14	9.3	9.4
50	Durable goods	4 478 368	218 614	27 755	59.8	20	21.2	14.5
501	Motor vehicles and automotive parts and supplies	1 746 667	88 814	16 153	55.3	20	32.9	10.5
502	Furniture and home furnishings	1 717 667	257 650	18 250	61.3	7	11.5	14.1
503	Lumber and other construction materials	1 880 333	626 778	24 481	34.2	3	11.4	13.2
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	4 306 750	290 343	23 803	51.0	15	16.1	9.0
507	Hardware, and plumbing and heating equipment and supplies	782 250	240 692	22 231	51.0	3	18.1	6.8
508	Machinery, equipment, and supplies	5 851 226	177 310	29 946	63.1	33	26.8	18.7
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	10 492 043	1 121 101	23 937	38.2	9	5.6	7.8
511	Paper and paper products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	1 700 667	204 080	18 880	37.3	8	24.8	8.9
513	Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	7 934 107	683 554	24 046	43.5	12	8.1	13.9
515	Farm-product raw materials	-	-	-	-	-	-	-
516	Chemicals and allied products	4 539 222	583 614	23 586	40.3	8	10.0	3.6
517	Petroleum and petroleum products	22 563 037	3 015 851	27 069	27.9	7	3.2	5.2
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	4 871 667	377 161	21 368	46.5	13	12.2	18.6
	Agents, brokers, and commission merchants	2 224 322	573 114	16 550	48.9	4	5.9	.5
50	Durable goods	855 969	299 355	16 240	48.6	3	11.2	1.3
501	Motor vehicles and automotive parts and supplies	-	-	-	-	-	-	-
502	Furniture and home furnishings	593 000	249 684	8 316	48.8	2	6.8	2.1
503	Lumber and other construction materials	419 125	134 120	17 720	46.2	3	28.6	6.4
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	(D)	(D)	(D)	(D)	(D)	(D)	(D)
505	Metals and minerals, except petroleum	(D)	(D)	(D)	(D)	(D)	(D)	(D)
506	Electrical goods	1 155 471	357 145	15 182	49.0	3	8.7	.2
507	Hardware, and plumbing and heating equipment and supplies	1 148 875	296 484	21 677	47.6	4	15.4	3.3
508	Machinery, equipment, and supplies	1 494 714	550 684	25 158	52.4	3	8.7	.2
509	Miscellaneous durable goods	(D)	(D)	(D)	(D)	(D)	(D)	(D)
51	Nondurable goods	3 332 861	707 785	18 702	49.1	5	4.8	.3
511	Paper and paper products.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
512	Drugs, drug proprietaries and druggists' sundries	1 107 333	288 870	14 435	40.0	4	12.5	-
513	Apparel, piece goods, and notions	(D)	(D)	(D)	(D)	(D)	(D)	(D)
514	Groceries and related products	4 818 875	841 113	17 960	49.8	6	4.3	.3
515	Farm-product raw materials	-	-	-	-	-	-	-
516	Chemicals and allied products	-	-	-	-	-	-	-
517	Petroleum and petroleum products	-	-	-	-	-	-	-
518	Beer, wine and distilled alcoholic beverages	(D)	(D)	(D)	(D)	(D)	(D)	(D)
519	Miscellaneous nondurable goods	1 424 154	411 422	12 933	48.9	3	6.4	.1

¹Based on number of employees for pay period including March 12.

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Establishments (number)	Sales (\$1,000)
	HONOLULU SMSA										
	Wholesale trade	1 417	3 392 728	250 836	14 750	1 169	2 140 295	190 885	12 336	248	1 252 433
50	Durable goods	779	1 334 726	144 734	7 970	658	1 001 988	105 311	6 483	121	332 738
501	Motor vehicles and automotive parts and supplies ..	86	271 827	18 200	1 158	83	266 587	17 247	1 099	3	5 240
5012	Automobiles and other motor vehicles	11	190 782	7 360	347	11	190 782	7 360	347	-	-
5013	Automotive parts and supplies	64	(D)	(D)	(D)	63	69 607	8 747	678	1	(D)
5014	Tires and tubes	11	(D)	(D)	(D)	9	6 198	1 140	74	2	(D)
502	Furniture and home furnishings	57	(D)	(D)	(D)	46	(D)	(D)	(D)	11	9 897
5021	Furniture	25	(D)	(D)	(D)	22	(D)	(D)	(D)	3	919
5023	Home furnishings	32	(D)	(D)	(D)	24	(D)	(D)	(D)	8	8 978
503	Lumber and other construction materials	66	99 162	10 735	571	54	(D)	(D)	(D)	12	(D)
5031	Lumber, plywood and millwork	17	(D)	(D)	(D)	16	(D)	(D)	(D)	1	(D)
5039	Construction materials, n.e.c.	49	(D)	(D)	(D)	38	(D)	(D)	(D)	11	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	52	(D)	(D)	(D)	44	(D)	(D)	(D)	8	36 535
5041	Sporting and recreational goods and supplies	31	(D)	(D)	(D)	26	(D)	(D)	(D)	5	(D)
5042	Toys and hobby goods and supplies	11	13 801	1 647	107	10	(D)	(D)	(D)	1	(D)
5043	Photographic equipment and supplies	10	42 964	2 802	148	8	(D)	(D)	(D)	2	(D)
505	Metals and minerals, except petroleum	12	25 358	2 231	126	10	(D)	(D)	(D)	2	(D)
5051	Metals service centers and offices	12	25 358	2 231	126	10	(D)	(D)	(D)	2	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-	-	-
506	Electrical goods	94	235 842	18 532	1 061	66	(D)	(D)	(D)	28	(D)
5063	Electrical apparatus and equipment	38	97 880	7 977	418	22	(D)	(D)	(D)	16	(D)
5064	Electrical appliances, television and radio sets ...	29	(D)	(D)	(D)	24	(D)	(D)	(D)	5	2 106
5065	Electronic parts and equipment	27	(D)	(D)	(D)	20	(D)	(D)	(D)	7	(D)
507	Hardware, and plumbing and heating equipment and supplies	72	95 146	12 632	653	60	82 826	11 671	609	12	12 320
5072	Hardware	28	(D)	(D)	(D)	24	(D)	(D)	(D)	4	1 106
5074	Plumbing and heating equipment and supplies (hydronics)	29	(D)	(D)	(D)	24	(D)	(D)	(D)	5	(D)
5075	Warm air heating and air conditioning equipment and supplies	6	10 926	983	39	3	(D)	(D)	(D)	3	(D)
5078	Refrigeration equipment and supplies	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies	221	376 471	60 178	2 953	188	(D)	(D)	(D)	33	(D)
5081	Commercial machines and equipment	76	173 230	35 588	1 426	59	64 179	11 096	674	17	109 051
5082	Construction and mining machinery and equipment ..	9	(D)	(D)	(D)	8	(D)	(D)	(D)	1	(D)
5083	Farm and garden machinery and equipment	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
5084	Industrial machinery and equipment	32	(D)	(D)	(D)	26	(D)	(D)	(D)	6	(D)
5085	Industrial supplies	26	36 716	4 408	268	23	(D)	(D)	(D)	3	(D)
5086	Professional equipment and supplies	41	(D)	(D)	(D)	37	(D)	(D)	(D)	4	(D)
5087	Service establishment equipment and supplies	23	18 032	2 879	229	23	18 032	2 879	229	-	-
5088	Transportation equipment and supplies, except motor vehicles	6	3 570	231	17	5	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods	119	82 190	7 949	604	107	(D)	(D)	(D)	12	(D)
5093	Scrap and waste materials	15	(D)	(D)	(D)	15	(D)	(D)	(D)	-	-
5094	Jewelry, watches, diamonds and other precious stones	67	(D)	(D)	(D)	62	(D)	(D)	(D)	5	2 659
5099	Durable goods, n.e.c.	37	(D)	(D)	(D)	30	17 039	1 719	130	7	(D)
51	Nondurable goods	638	2 058 002	106 102	6 780	511	1 138 307	85 574	5 853	127	919 695
511	Paper and paper products	51	88 050	9 039	507	42	(D)	(D)	(D)	9	(D)
5111	Printing and writing paper	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	-
5112	Stationery supplies	28	(D)	(D)	(D)	21	25 593	3 542	227	7	(D)
5113	Industrial and personal service paper	15	(D)	(D)	(D)	13	(D)	(D)	(D)	2	(D)
512	Drugs, drug proprietaries and druggists' sundries ...	39	118 775	8 757	552	30	107 029	7 953	504	9	11 746
5122	Drugs, drug proprietaries, and druggists' sundries ..	39	118 775	8 757	552	30	107 029	7 953	504	9	11 746
513	Apparel, piece goods, and notions	68	(D)	(D)	(D)	57	62 944	6 214	501	11	(D)
5133	Piece goods (woven fabrics)	14	23 632	2 110	137	14	23 632	2 110	137	-	-
5134	Notions and other dry goods	7	(D)	(D)	(D)	7	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings	13	(D)	(D)	(D)	10	(D)	(D)	(D)	3	(D)
5137	Women's, children's and infants' clothing and accessories	22	21 394	2 271	229	15	17 133	1 907	195	7	4 261
5139	Footwear	12	4 269	555	42	11	(D)	(D)	(D)	1	(D)
514	Groceries and related products	256	943 555	47 093	3 130	197	(D)	(D)	(D)	59	(D)
5141	Groceries, general line	29	166 089	6 460	373	20	(D)	(D)	(D)	9	(D)
5142	Frozen foods	33	147 598	5 755	395	25	100 390	4 843	344	8	47 208
5143	Dairy products	13	39 189	1 458	90	10	(D)	(D)	(D)	3	(D)
5144	Poultry and poultry products	7	(D)	(D)	(D)	5	15 160	844	92	2	(D)
5145	Confectionery	17	(D)	(D)	(D)	15	(D)	(D)	(D)	2	(D)
5146	Fish and seafoods	24	28 331	2 433	187	23	(D)	(D)	(D)	1	(D)
5147	Meats and meat products	27	180 571	7 823	389	20	120 300	6 219	299	7	60 271
5148	Fresh fruits and vegetables	41	89 809	8 036	667	39	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c.	65	(D)	(D)	(D)	40	81 632	6 767	548	25	(D)
515	Farm-product raw materials	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5152	Cotton	-	-	-	-	-	-	-	-	-	-
5153	Grain	-	-	-	-	-	-	-	-	-	-
5154	Livestock	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5159	Farm-product raw materials, n.e.c.	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
516	Chemicals and allied products	29	(D)	(D)	(D)	23	(D)	(D)	(D)	6	(D)
5161	Chemicals and allied products	29	(D)	(D)	(D)	23	(D)	(D)	(D)	6	(D)

Table 4. Summary Statistics for Standard Metropolitan Statistical Areas: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's, see appendix D]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	HONOLULU SMSA—Con.										
51	Nondurable goods—Con.										
517	Petroleum and petroleum products.....	21	471 335	5 843	239	9	43 712	1 834	95	12	427 623
5171	Petroleum bulk stations and terminals.....	12	410 740	4 391	170	3	(D)	(D)	(D)	9	(D)
5172	Petroleum and petroleum products, except bulk stations and terminals	9	60 595	1 452	69	6	(D)	(D)	(D)	3	(D)
518	Beer, wine and distilled alcoholic beverages	15	130 327	8 472	455	13	(D)	(D)	(D)	2	(D)
5181	Beer and ale	7	(D)	(D)	(D)	6	(D)	(D)	(D)	1	(D)
5182	Wines and distilled alcoholic beverages	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
519	Miscellaneous nondurable goods	156	166 811	15 666	1 116	137	(D)	(D)	(D)	19	(D)
5191	Farm supplies	21	18 728	1 698	120	20	(D)	(D)	(D)	1	(D)
5194	Tobacco and tobacco products	5	(D)	(D)	(D)	3	(D)	(D)	(D)	2	(D)
5198	Paints, varnishes, and supplies	9	(D)	(D)	(D)	8	7 103	755	54	1	(D)
5199	Nondurable goods, n.e.c.	121	102 802	11 240	866	106	82 305	10 478	812	15	20 497

Table 5. Summary Statistics for the Area Outside Standard Metropolitan Statistical Areas: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For definitions of SMSA's see appendix D]

SIC code	Kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	Wholesale trade -----	320	691 641	36 790	2 460	265	356 199	28 283	2 065	55	335 442
50	Durable goods-----	120	108 503	12 727	744	109	81 930	10 515	655	11	26 573
501	Motor vehicles and automotive parts and supplies ..	17	22 056	3 431	191	17	22 056	3 431	191	-	-
502	Furniture and home furnishings -----	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
503	Lumber and other construction materials -----	25	27 577	2 440	145	20	(D)	(D)	(D)	5	(D)
504	Sporting, recreational, photographic, and hobby goods, toys and supplies -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
505	Metals and minerals, except petroleum-----	-	-	-	-	-	-	-	-	-	-
506	Electrical goods -----	13	9 109	920	55	12	(D)	(D)	(D)	1	(D)
507	Hardware, and plumbing and heating equipment and supplies -----	11	3 495	526	41	11	3 495	526	41	-	-
508	Machinery, equipment, and supplies -----	47	41 646	4 625	256	42	(D)	(D)	(D)	5	(D)
509	Miscellaneous durable goods -----	4	1 294	346	24	4	1 294	346	24	-	-
51	Nondurable goods -----	200	583 138	24 063	1 716	156	274 269	17 768	1 410	44	308 869
511	Paper and paper products -----	15	16 724	2 024	143	12	(D)	(D)	(D)	3	(D)
512	Drugs, drug proprietaries and druggists' sundries ---	3	3 421	341	21	3	3 421	341	21	-	-
513	Apparel, piece goods, and notions -----	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
514	Groceries and related products -----	83	243 598	12 197	909	66	(D)	(D)	(D)	17	(D)
515	Farm-product raw materials -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
516	Chemicals and allied products -----	4	(D)	(D)	(D)	1	(D)	(D)	(D)	3	(D)
517	Petroleum and petroleum products-----	21	200 217	1 780	78	6	18 638	321	20	15	181 579
518	Beer, wine and distilled alcoholic beverages -----	22	45 280	2 702	137	22	45 280	2 702	137	-	-
519	Miscellaneous nondurable goods -----	49	69 468	4 463	388	43	(D)	(D)	(D)	6	(D)

Table 6. Summary Statistics for Counties With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Paid employees for pay period including March 12 (number)	Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)		Estab-lish-ments (number)	Sales (\$1,000)
	HONOLULU COUNTY Δ (Coextensive with Honolulu, Hawaii, SMSA; see table 4.)										

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers			Paid employees for pay period including March 12 (number)	Other operating types	
						Estab-lish-ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)		Estab-lish-ments (number)	Sales (\$1,000)
	HONOLULU Δ										
	Wholesale trade	1 221	2 950 750	219 616	12 932	1 016	1 872 910	167 972	10 921	205	1 077 840
50	Durable goods	662	1 163 370	126 214	6 938	562	880 191	91 173	5 669	100	283 179
501	Motor vehicles and automotive parts and supplies	62	235 367	14 664	934	60	(D)	(D)	(D)	2	(D)
5012	Automobiles and other motor vehicles	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	(D)
5013	Automotive parts and supplies	45	44 223	6 149	502	44	(D)	(D)	(D)	1	(D)
5014	Tires and tubes	8	(D)	(D)	(D)	7	(D)	(D)	(D)	1	(D)
502	Furniture and home furnishings	55	53 615	6 946	426	44	43 718	6 423	387	11	9 897
5021	Furniture	24	(D)	(D)	(D)	21	(D)	(D)	(D)	3	919
5023	Home furnishings	31	(D)	(D)	(D)	23	(D)	(D)	(D)	8	8 978
503	Lumber and other construction materials	48	72 863	7 997	429	38	59 954	7 268	392	10	12 909
5031	Lumber, plywood and millwork	12	22 656	3 452	186	12	22 656	3 452	186	-	-
5039	Construction materials, n.e.c.	36	50 207	4 545	243	26	37 298	3 816	206	10	12 909
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	48	79 538	6 274	350	40	43 003	4 834	288	8	36 535
5041	Sporting and recreational goods and supplies	28	(D)	(D)	(D)	23	18 019	1 740	94	5	(D)
5042	Toys and hobby goods and supplies	11	13 801	1 647	107	10	(D)	(D)	(D)	1	(D)
5043	Photographic equipment and supplies	9	(D)	(D)	(D)	7	(D)	(D)	(D)	2	(D)
505	Metals and minerals, except petroleum	9	(D)	(D)	(D)	8	20 852	2 041	112	1	(D)
5051	Metals service centers and offices	9	(D)	(D)	(D)	8	20 852	2 041	112	1	(D)
5052	Coal and other minerals and ores	-	-	-	-	-	-	-	-	-	-
506	Electrical goods	80	221 494	17 601	997	59	160 977	13 083	794	21	60 517
5063	Electrical apparatus and equipment	33	93 277	7 705	404	21	41 027	4 213	248	12	52 250
5064	Electrical appliances, television and radio sets	22	76 744	5 602	351	18	(D)	(D)	(D)	4	(D)
5065	Electronic parts and equipment	25	51 473	4 294	242	20	(D)	(D)	(D)	5	(D)
507	Hardware, and plumbing and heating equipment and supplies	62	85 749	11 295	595	52	(D)	(D)	(D)	10	(D)
5072	Hardware	23	26 787	4 118	245	20	(D)	(D)	(D)	3	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	25	41 304	4 722	255	20	(D)	(D)	(D)	5	(D)
5075	Warm air heating and air conditioning equipment and supplies	5	(D)	(D)	(D)	3	(D)	(D)	(D)	2	(D)
5078	Refrigeration equipment and supplies	9	(D)	(D)	(D)	9	(D)	(D)	(D)	-	-
508	Machinery, equipment, and supplies	188	312 944	51 947	2 533	162	175 437	26 170	1 732	26	137 507
5081	Commercial machines and equipment	70	104 613	33 942	1 354	54	(D)	(D)	(D)	16	(D)
5082	Construction and mining machinery and equipment	5	10 165	1 323	78	5	10 165	1 323	78	-	-
5083	Farm and garden machinery and equipment	6	12 850	1 223	76	5	(D)	(D)	(D)	1	(D)
5084	Industrial machinery and equipment	24	35 460	4 114	253	22	(D)	(D)	(D)	2	(D)
5085	Industrial supplies	22	34 472	4 047	247	19	(D)	(D)	(D)	3	(D)
5086	Professional equipment and supplies	36	(D)	(D)	(D)	33	(D)	(D)	(D)	3	(D)
5087	Service establishment equipment and supplies	19	(D)	(D)	(D)	19	(D)	(D)	(D)	-	-
5088	Transportation equipment and supplies, except motor vehicles	6	3 570	231	17	5	(D)	(D)	(D)	1	(D)
509	Miscellaneous durable goods	110	(D)	(D)	(D)	99	69 343	6 999	520	11	(D)
5093	Scrap and waste materials	13	8 570	1 386	102	13	8 570	1 386	102	-	-
5094	Jewelry, watches, diamonds and other precious stones	64	48 192	4 326	329	59	45 533	4 129	308	5	2 659
5099	Durable goods, n.e.c.	33	(D)	(D)	(D)	27	15 240	1 484	110	6	(D)

Table 7. Summary Statistics for Places With 200 Establishments or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	HONOLULU Δ—Con.										
51	Nondurable goods -----	559	1 787 380	93 402	5 994	454	992 719	76 799	5 252	105	794 661
511	Paper and paper products -----	49	(D)	(D)	(D)	40	62 555	6 839	423	9	(D)
5111	Printing and writing paper -----	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
5112	Stationery supplies -----	28	(D)	(D)	(D)	21	25 593	3 542	227	7	(D)
5113	Industrial and personal service paper -----	15	(D)	(D)	(D)	13	(D)	(D)	(D)	2	(D)
512	Drugs, drug proprietaries and druggists' sundries ---	33	84 632	7 048	445	26	(D)	(D)	(D)	7	(D)
5122	Drugs, drug proprietaries, and druggists' sundries -----	33	84 632	7 048	445	26	(D)	(D)	(D)	7	(D)
513	Apparel, piece goods, and notions -----	60	56 809	5 274	441	49	(D)	(D)	(D)	11	(D)
5133	Piece goods (woven fabrics) -----	13	(D)	(D)	(D)	13	(D)	(D)	(D)	-	-
5134	Notions and other dry goods -----	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
5136	Men's and boys' clothing and furnishings -----	11	13 277	705	51	8	(D)	(D)	(D)	3	(D)
5137	Women's, children's and infants' clothing and accessories -----	20	(D)	(D)	(D)	13	(D)	(D)	(D)	7	4 261
5139	Footwear -----	10	(D)	(D)	(D)	9	(D)	(D)	(D)	1	(D)
514	Groceries and related products -----	232	843 764	43 610	2 910	185	548 955	35 892	2 561	47	294 809
5141	Groceries, general line -----	26	(D)	(D)	(D)	19	120 176	5 731	328	7	(D)
5142	Frozen foods -----	29	(D)	(D)	(D)	22	(D)	(D)	(D)	7	(D)
5143	Dairy products -----	7	4 321	446	38	7	4 321	446	38	-	-
5144	Poultry and poultry products -----	7	(D)	(D)	(D)	5	(D)	(D)	(D)	2	(D)
5145	Confectionery -----	15	(D)	(D)	(D)	14	(D)	(D)	(D)	1	(D)
5146	Fish and seafoods -----	24	28 331	2 433	187	23	(D)	(D)	(D)	1	(D)
5147	Meats and meat products -----	27	180 571	7 823	389	20	120 300	6 219	299	7	60 271
5148	Fresh fruits and vegetables -----	39	(D)	(D)	(D)	37	(D)	(D)	(D)	2	(D)
5149	Groceries and related products, n.e.c. -----	58	232 198	11 343	682	38	(D)	(D)	(D)	20	(D)
515	Farm-product raw materials -----	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5152	Cotton -----	-	-	-	-	-	-	-	-	-	-
5153	Grain -----	-	-	-	-	-	-	-	-	-	-
5154	Livestock -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5159	Farm-product raw materials, n.e.c. -----	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
516	Chemicals and allied products -----	26	58 873	3 553	168	22	(D)	(D)	(D)	4	(D)
5161	Chemicals and allied products -----	26	58 873	3 553	168	22	(D)	(D)	(D)	4	(D)
517	Petroleum and petroleum products -----	15	441 445	5 072	196	6	(D)	(D)	(D)	9	(D)
5171	Petroleum bulk stations and terminals -----	9	(D)	(D)	(D)	2	(D)	(D)	(D)	7	395 740
5172	Petroleum and petroleum products, except bulk stations and terminals -----	6	(D)	(D)	(D)	4	(D)	(D)	(D)	2	(D)
518	Beer, wine and distilled alcoholic beverages -----	12	82 293	6 475	368	11	(D)	(D)	(D)	1	(D)
5181	Beer and ale -----	6	(D)	(D)	(D)	5	(D)	(D)	(D)	1	(D)
5182	Wines and distilled alcoholic beverages -----	6	(D)	(D)	(D)	6	(D)	(D)	(D)	-	-
519	Miscellaneous nondurable goods -----	129	131 915	13 498	940	112	104 186	12 114	863	17	27 729
5191	Farm supplies -----	12	12 828	1 123	73	11	(D)	(D)	(D)	1	(D)
5194	Tobacco and tobacco products -----	4	(D)	(D)	(D)	3	(D)	(D)	(D)	1	(D)
5198	Paints, varnishes, and supplies -----	9	(D)	(D)	(D)	8	(D)	(D)	(D)	1	(D)
5199	Nondurable goods, n.e.c. -----	104	88 200	10 441	768	90	(D)	(D)	(D)	14	(D)

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
Hawaii -----	1 737	4 084 369	287 626	17 210	1 434	2 496 494	219 168	14 401	303	1 587 875
Hawaii County -----	159	285 513	17 370	1 240	133	152 353	13 238	1 040	26	133 160
Hilo -----	107	242 071	14 101	955	90	(D)	(D)	(D)	17	(D)
Kailua -----	16	11 835	1 031	76	15	(D)	(D)	(D)	1	(D)
Balance of county -----	36	31 607	2 238	209	28	(D)	(D)	(D)	8	(D)
Honolulu County Δ -----	1 417	3 392 728	250 836	14 750	1 169	2 140 295	190 885	12 336	248	1 252 433
Ahuimanu -----	1	(D)	(D)	(D)	-	-	-	-	1	(D)
Aiea -----	26	64 848	5 361	269	21	58 510	4 554	226	5	6 338
Ewa -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Ewa Beach -----	12	42 470	2 731	138	10	(D)	(D)	(D)	2	(D)
Hauula -----	-	-	-	-	-	-	-	-	-	-
Heeiea -----	-	-	-	-	-	-	-	-	-	-
Hickam Housing -----	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Honolulu Δ -----	1 221	2 950 750	219 616	12 932	1 016	1 872 910	167 972	10 921	205	1 077 840
Iroquois Point -----	-	-	-	-	-	-	-	-	-	-
Kahaluu -----	1	(D)	(D)	(D)	-	-	-	-	1	(D)

Table 8. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More: 1982—Con.

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
					Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
Hawaii—Con.										
Honolulu County Δ—Con.										
Kailua	30	25 978	1 407	80	16	5 776	681	49	14	20 202
Kaneohe	13	7 460	611	74	11	(D)	(D)	(D)	2	(D)
Laie	-	-	-	-	-	-	-	-	-	-
Maui	-	-	-	-	-	-	-	-	-	-
Makaha	-	-	-	-	-	-	-	-	-	-
Makakilo City	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Maunawili	4	1 001	135	11	4	1 001	135	11	-	-
Mililani Town	4	285	56	8	3	(D)	(D)	(D)	1	(D)
Mokapu	-	-	-	-	-	-	-	-	-	-
Nanakuli	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Pearl City	28	73 908	4 459	267	22	37 300	2 861	178	6	36 608
Schofield Barracks	-	-	-	-	-	-	-	-	-	-
Wahiawa	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
Waiāluā	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Waianae	7	19 170	894	51	5	(D)	(D)	(D)	2	(D)
Waimanalo	6	2 427	274	41	6	2 427	274	41	-	-
Waimanalo Beach	-	-	-	-	-	-	-	-	-	-
Waipahu	31	103 617	8 052	474	27	72 012	6 612	411	4	31 605
Waipio Acres	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
Balance of county	24	95 531	6 707	364	19	42 274	3 855	228	5	53 257
Kauai County	51	81 030	5 555	384	40	52 557	4 084	314	11	28 473
Hanalei	-	-	-	-	-	-	-	-	-	-
Kalaheo	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
Kapaa	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Kekaha	-	-	-	-	-	-	-	-	-	-
Lihue	33	55 556	3 667	243	25	40 755	2 998	206	8	14 801
Balance of county	13	22 378	1 496	85	10	8 706	694	52	3	13 672
Maui County Δ	110	325 098	13 865	836	92	151 289	10 961	711	18	173 809
Island Of Lanai Δ	1	(D)	(D)	(D)	-	-	-	-	1	(D)
Island Of Molokai Δ	3	(D)	(D)	(D)	1	(D)	(D)	(D)	2	(D)
Kahului	54	189 855	7 501	390	43	(D)	(D)	(D)	11	(D)
Kihei	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
Lahaina	6	2 932	407	31	6	2 932	407	31	-	-
Makawao	-	-	-	-	-	-	-	-	-	-
Pukalani	-	-	-	-	-	-	-	-	-	-
Wailuku	35	41 769	3 524	271	32	(D)	(D)	(D)	3	(D)
Balance of county	9	(D)	(D)	(D)	8	(D)	(D)	(D)	1	(D)

Table 9. Counties Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Rank ¹	Cumulative			Geographic area	Rank ¹	Cumulative		
		Sales (\$1,000)	Sales (\$1,000)	Percent of State total			Sales (\$1,000)	Sales (\$1,000)	Percent of State total
Hawaii	(X)	4 084 369	4 084 369	100.0	Hawaii—Con.				
Honolulu Δ	1	3 392 728	3 392 728	83.1	Hawaii	3	285 513	4 003 339	98.0
Maui Δ	2	325 098	3 717 826	91.0	Kauai	4	81 030	4 084 369	100.0

¹Counties with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

Table 10. Places With 2,500 Inhabitants or More Ranked by Volume of Sales: 1982

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1977 and 1982 censuses, see appendix A. For information on geographic areas followed by Δ, see appendix F]

Geographic area	Rank ¹	Sales (\$1,000)	Cumulative		Geographic area	Rank ¹	Sales (\$1,000)	Cumulative	
			Sales (\$1,000)	Percent of State total				Sales (\$1,000)	Percent of State total
Hawaii -----	(X)	4 084 369	4 084 369	100.0	Hawaii—Con.				
Honolulu Δ -----	1	2 950 750	2 950 750	72.2	Iroquois Point -----	21	-	3 835 932	93.9
Hilo -----	2	242 071	3 192 821	78.2	Kekaha -----	22	-	3 835 932	93.9
Kahului -----	3	189 855	3 382 676	82.8	Laie -----	23	-	3 835 932	93.9
Waipahu -----	4	103 617	3 486 293	85.4	Maui -----	24	-	3 835 932	93.9
Pearl City -----	5	73 908	3 560 201	87.2	Makaha -----	25	-	3 835 932	93.9
					Makawao -----	26	-	3 835 932	93.9
Aiea -----	6	64 848	3 625 049	88.8	Mokapu -----	27	-	3 835 932	93.9
Lihue -----	7	55 556	3 680 605	90.1	Pukalani -----	28	-	3 835 932	93.9
Ewa Beach -----	8	42 470	3 723 075	91.2	Schofield Barracks -----	29	-	3 835 932	93.9
Wailuku -----	9	41 769	3 764 844	92.2	Waimanalo Beach -----	30	-	3 835 932	93.9
Kailua (Honolulu County) -----	10	25 978	3 790 822	92.8	Ahuimanu -----	(X)	(D)	(X)	(X)
					Ewa -----	(X)	(D)	(X)	(X)
Waianae -----	11	19 170	3 809 992	93.3	Hickam Housing -----	(X)	(D)	(X)	(X)
Kailua (Hawaii County) -----	12	11 835	3 821 827	93.6	Island Of Lanai Δ -----	(X)	(D)	(X)	(X)
Kaneohe -----	13	7 460	3 829 287	93.8	Island Of Molokai Δ -----	(X)	(D)	(X)	(X)
Lahaina -----	14	2 932	3 832 219	93.8	Kahaluu -----	(X)	(D)	(X)	(X)
Waimanalo -----	15	2 427	3 834 646	93.9	Kalaheo -----	(X)	(D)	(X)	(X)
					Kapaa -----	(X)	(D)	(X)	(X)
Maunawili -----	16	1 001	3 835 647	93.9	Kihei -----	(X)	(D)	(X)	(X)
Mililani Town -----	17	285	3 835 932	93.9	Makakilo City -----	(X)	(D)	(X)	(X)
Hanamaulu -----	18	-	3 835 932	93.9	Nanakuli -----	(X)	(D)	(X)	(X)
Hauula -----	19	-	3 835 932	93.9	Wahiawa -----	(X)	(D)	(X)	(X)
Heeia -----	20	-	3 835 932	93.9	Waiatua -----	(X)	(D)	(X)	(X)
					Waipio Acres -----	(X)	(D)	(X)	(X)

¹Places with suppressed sales (if applicable) are listed at end of table rather than by rank to avoid disclosing data for individual companies.

CENSUS COVERAGE AND METHODOLOGY

Structure and method of enumeration—All wholesale firms that had at least one quarter of payroll in 1982 were included in the census of wholesale trade and were mailed either a regular census form or a short classification form. The coverage and the method of obtaining census information from each follow:

1. Large companies, i.e., all multiunit firms and all single-unit firms above the payroll size cutoff established to separate large from small employers, and a 10-percent sample of the small employers were mailed the appropriate 1982 Census of Distributive Trades establishment report forms. Although the payroll cutoff varied by kind of business, small employers generally included firms with one to three employees and represented about 10 percent of total wholesale sales. For the large companies, a report of company organization is conducted periodically to identify firms which operated establishments at more than one location and to obtain information on payroll and mid-March employment at each location. The 1981 Report of Company Organization was used as a coverage check in the census. In the census mailing package containing the appropriate 1982 questionnaires, multiestablishment firms also were sent a form to use in updating the list of establishments with those opened since 1981.
2. Small companies other than those included in the 10-percent sample described above were mailed the classification forms, which did not include questions on payroll, employment, and sales by commodity lines. Data on payroll and employment for these firms were derived or estimated from administrative records of other Federal agencies.

Method of classifying kinds of business—Establishments receiving the regular census forms were classified on the basis of their answers to questions on sales by commodity lines and other inquiries. Those that received classification forms were classified on the basis of their self-designation and answers to other inquiries.

COMPARABILITY OF THE 1977 AND 1982 CENSUSES

The 1977 and 1982 censuses were conducted under similar conditions and procedures except for the following:

Geographic areas—The boundaries of a number of areas for which data are shown in the 1982 census are not the same as in the 1977 census because of annexations, other boundary changes, redefinitions of SMSA's, and changes in qualifying criteria since 1977.

In 1977, separate data were published for certain census-defined unincorporated places with 25,000 inhabitants or more. For 1982, data for census-defined unincorporated places are no longer shown separately but are included as part of the "remainder of county" statistics. In addition, improved methods, used in the 1982 census for determining the proper geographic areas into which businesses are tabulated within a given county, resulted in a number of businesses that were not tabulated as part of the "remainder of county" statistics in previous censuses being included within the "remainder of county" for 1982.

In 1977, special economic urban areas (see Geographic Areas Covered in introductory text) in New England qualified for separate publication if they had an urban population of at least 2,500 and a total population of at least 10,000. For 1982, the urban population requirement has been eliminated, and the area must have a population of 10,000 to qualify for separate publication.

Standard Industrial Classification—In both 1982 and 1977, classifications are based on the 1972 Standard Industrial Classification (SIC) Manual¹ and on a supplement issued in 1977 showing minor revisions and clarifications to the SIC structure. As a result of a later clarification in 1982 by the SIC committee, the sale of crude oil from bulk storage facilities has been classified in petroleum bulk stations and terminals (5171) rather than petroleum and petroleum products (5172) as it was in 1977 and all previous censuses.

Payroll and employment—The 1977 employment item included three pay-period statistics omitted from the 1982 inquiry: the number of paid employees for the pay period including the 12th of May, August, and November. These statistics are collected and published by the Bureau of Labor Statistics.

Inventories—In 1982, inventories were reported at cost or market using generally accepted accounting methods. Inventories calculated on a last-in-first-out (LIFO) basis were reported before the LIFO adjustment. In 1977, inventories were reported by valuation method and summed to a total for each establishment; in prior censuses, all inventories were reported at cost. Method of valuation data are collected in the Annual Trade Survey.

EXPLANATION OF TERMS

Establishments—An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise,

¹Standard Industrial Classification Manual: 1972. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 041-001-00066-6. 1977 Supplement. Stock No. C03-005-00176-0.

which may consist of one establishment or more. Census of wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Estimates of this number were derived from a sample and will be provided in the Miscellaneous Subjects report (WC82-1-4). Each census report was tabulated according to the physical location at which the business was conducted. The count of establishments in this publication represents the number in business at the end of the year.

A comparison of the number of establishments in business at the end of the year versus the number active any time during the year for the United States as a whole is presented by kind-of-business group in appendix G of the United States Summary report included as part of this series.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted under the same ownership at a single location, and when conditions prescribed by the SIC manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained in the census.

Firms—A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. For economic census purposes, the terms "firm" and "company" are synonymous.

Sales—Sales include merchandise sold for cash or credit at wholesale and retail by establishments primarily engaged in wholesale trade; receipts from rental or leasing of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer and passed on to the wholesaler.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from total sales. Total sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; and non-operating income from such sources as investments, rental or sale of real estate, etc.

Sales in this report do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sales of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

Although the count of establishments represents the number in business at the end of the year, the sales figures include sales of all establishments in business at any time during the year. Sales shown for agents and brokers represent the value of the goods involved in the transactions rather than the commissions received or earnings.

Annual payroll—Payroll includes all forms of compensation such as salaries, wages, commissions, bonuses, vacation allowance, sick-leave pay, and the value of payments in kind (e.g., free meals and lodgings), paid during the year to all employees. For corporations, it includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the Internal Revenue Service on form 941.

First quarter payroll—This item consists of payroll, as defined above, paid to persons employed at any time during the quarter January to March 1982.

Paid employees for pay period including March 12—Paid employees consist of the full-time and part-time employees, including salaried officers and executives of corporations, who were on the payroll in the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS form 941.

1982 and 1981 inventories—Inventories consist of stocks of merchandise for sale at the end of 1982 and 1981. They are reported on an ownership basis; all merchandise owned by reporting establishments is included, even though some may be held by others for sale on consignment. Goods held by the reporting establishment, but owned by others, are not included. Data for 1982 and 1981 inventories LIFO composition will be published in the 1982 Census of Wholesale Trade Miscellaneous Subjects report (WC82-1-4).

Operating expenses—Operating expenses include payroll as well as overhead expenses of the establishment. They do not include the cost of goods sold or income or excise taxes. Nor do they include withdrawals by proprietors or partners of unincorporated businesses.

Auxiliary establishments—Each company included in the census was asked to identify and report separately those auxiliary locations whose primary functions were to manage, administer, service, or support the activities of the other establishments of the company. Data for auxiliaries which primarily service wholesale establishments are presented for selected industrial classifications in tables included in the United States Summary report. Data for auxiliaries are presented for more detailed industry breakdowns in a subsequent report issued as part of the 1982 Enterprise Statistics reports.

KIND-OF-BUSINESS CLASSIFICATIONS

Wholesale trade, major groups 50 and 51 in the 1972 SIC manual, includes establishments primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, farm, or professional business users; or to other wholesalers; or acting as agents or brokers in buying merchandise for or selling merchandise to such persons or companies.

The principal types of establishments included are:

1. Merchant wholesalers who take title to the goods they sell, such as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, drop shippers, retailer cooperative warehouses, terminal elevators, and cooperative buying associations.
2. Manufacturers' sales branches and sales offices (but not retail stores) maintained by manufacturing or mining enterprises apart from their plants or mines for the purpose of marketing their products.
3. Agents, brokers, and commission merchants who buy or sell products owned by others on a commission or agency basis.

Establishments primarily engaged in the wholesale distribution of used products are classified on the basis of the product sold.

Establishments primarily engaged in selling merchandise to contractors are included in wholesale trade, with the exception of lumber yards and paint, glass, and wallpaper stores. These exceptions are classified in retail trade if they sell to the general public, even if a higher proportion of their sales is made to contractors.

Establishments covered by the census were assigned a kind-of-business classification according to the industry classifications defined in the 1972 SIC Manual. When a more detailed classification was needed than that defined in the SIC Manual, more kinds of business were identified within a SIC.

Kind-of-business classifications are not interchangeable with commodity classifications, because most businesses sell several kinds of commodities. The kind-of-business code assigned generally reflects either the individual commodity or the commodity group which is the primary source of the establishment's receipts, or some mixture of commodities which characterizes the establishment's business. Thus, the classification of establishments by kind of business generally does not make it possible to determine either the number of establishments handling a particular commodity or the sales of that commodity. For example, the groceries and related products classification excludes establishments selling food if the sale of food is not the primary source of receipts; moreover, even though establishments are classified as groceries and related products, some of their receipts may be derived from the sale of nonfood products. Information on the extent to which commodities are handled by different kinds of business is available in the 1982 Census of Wholesale Trade report, Commodity Line Sales (WC82-I-3).

Descriptions of the 1982 Census of Wholesale Trade kind-of-business classifications follow:

Durable Goods (SIC Major Group 50)

This major group includes establishments primarily engaged in the wholesale distribution of durable goods.

Motor vehicles and automotive parts and supplies (SIC 501)

Automobiles and other motor vehicles (SIC 5012)—Establishments primarily engaged in the wholesale distribution of new and used passenger automobiles, trucks, and other motor vehicles. Automobile distributors primarily engaged in selling at retail to individual consumers for personal use, and also selling a limited amount of new and used passenger automobiles and trucks at wholesale to dealers, are classified in SIC 5511.

SIC 5012 is subdivided in some tables into—

1. New and used automobiles and motorcycles.
2. Trucks and tractors.

Automotive parts and supplies (SIC 5013)—Establishments primarily engaged in the wholesale distribution of automotive parts, supplies, accessories, tools, and equipment.

SIC 5013 is subdivided in some tables into—

1. New automotive parts, accessories, and equipment—warehouse distributors (without machine shop).
2. New automotive parts, accessories, and equipment—jobbers (without machine shop).
3. New automotive parts, accessories, and equipment—warehouse distributors (with machine shop).
4. New automotive parts, accessories and equipment—jobbers (with machine shop).
5. Used automotive parts, equipment, and supplies.
6. Petroleum products marketing equipment.

Tires and tubes (SIC 5014)—Establishments primarily engaged in the wholesale distribution of rubber tires and tubes for passenger and commercial vehicles.

Furniture and home furnishings (SIC 502)

Furniture (SIC 5021)—Establishments primarily engaged in the wholesale distribution of furniture, including bedsprings, mattresses, and other household furniture; office furniture; and furniture for public parks, buildings, etc.

SIC 5021 is subdivided in some tables into—

1. Household and lawn furniture.
2. Office and business furniture.

Home furnishings (SIC 5023)—Establishments primarily engaged in the wholesale distribution of home furnishings and homewares, including antiques, china, glassware, and earthenware; lamps, curtains, and draperies; linens and towels; and carpets, linoleum, and all other types of hard and soft surface floor coverings.

Establishments primarily engaged in the wholesale distribution of electrical household goods are classified in SIC 5064.

SIC 5023 is subdivided in some tables into—

1. China, glassware, and crockery.
2. Linens, domestics, curtains, etc.
3. Floor coverings.
4. Other home furnishings.

Lumber and other construction materials (SIC 503)

Lumber, plywood and millwork (SIC 5031)—Establishments, with or without yards, primarily engaged in the wholesale distribution of rough, dressed, and finished lumber (but not timber); plywood; door and window frames (wood or metal); and other wood and metal millwork. Establishments selling lumber, plywood, and millwork to the general public and known as "retail" in the trade are classified in SIC 5211.

SIC 5031 is subdivided in some tables into—

1. Lumber-without yard.
2. Lumber-with yard.
3. Plywood and millwork (metal or wood).

Construction materials, n.e.c. (SIC 5039)—Establishments primarily engaged in the wholesale distribution of such building materials as brick, building stone, cement, granite, gravel, lime, marble, plaster, building glass, roofing materials, sand, and tile. Establishments selling construction materials to the general public and known as retail in the trade are classified in SIC 5211. Establishments primarily selling ready-mix concrete are classified in manufacturing SIC 3273.

SIC 5039 is subdivided in some tables into—

1. Brick, stone, tile, sand, etc.
2. Flat glass and other construction glass.
3. Roofing, siding, and insulation materials.
4. Other construction materials.

Sporting, recreational, photographic, and hobby goods, toys and supplies (SIC 504)

Sporting and recreational goods and supplies (SIC 5041)—Establishments primarily engaged in the wholesale distribution of all types of sporting goods and accessories, billiard and pool supplies; firearms and ammunition; and marine pleasure craft, equipment, and supplies.

Toys and hobby goods and supplies (SIC 5042)—Establishments primarily engaged in the wholesale distribution of games, toys, and hobby goods and supplies.

Photographic equipment and supplies (SIC 5043)—Establishments primarily engaged in the wholesale distribution of photographic equipment and supplies. Establishments primarily engaged in the wholesale distribution of photocopy equipment are classified in SIC 5081.

Metals and minerals, except petroleum (SIC 505)

Metals service centers and offices (SIC 5051)—Establishments primarily engaged in marketing ferrous and nonferrous metal semi-finished products. Establishments in this industry may operate with inventories (metals service centers) or without inventories (metals sales offices).

SIC 5051 is subdivided in some tables into—

1. Ferrous metals service centers and sales offices.
 - a. Ferrous metals service centers.
 - b. Ferrous metals sales offices.
2. Nonferrous metals service centers and sales offices.

Coal and other minerals and ores (SIC 5052)—Establishments primarily engaged in the wholesale distribution of coal and coke; copper, iron, lead, and other metallic ores except precious; and crude nonmetallic minerals (including concentrates) except crude petroleum. Establishments primarily engaged in the wholesale distribution of nonmetallic minerals used in construction, such as sand and gravel, are classified in SIC 5039.

SIC 5052 is subdivided in some tables into—

1. Coal.
2. Other minerals and ores.

Electrical goods (SIC 506)

This group includes establishments primarily engaged in the wholesale distribution of electrical generating, distributing, and wiring equipment. It also includes household appliances whether electrically, manually, or mechanically powered, such as washing machines powered by gasoline motors and sewing machines powered manually. This group does not include electrical commercial and industrial machines, i.e., those in which electricity does the work directly, such as by heating, turning a shaft, or ionizing a substance, or electrically powered commercial and industrial machines, which are classified in SIC 508.

Electrical apparatus and equipment (SIC 5063)—Establishments primarily engaged in the wholesale distribution of electrical power equipment for the generation, transmission, or utilization of electric energy; and electrical construction materials for outside power transmission lines and for electrical systems. Construction contractors primarily engaged in installing electrical systems and equipment from their own stock are classified in SIC 1731.

Electrical appliances, television and radio sets (SIC 5064)—Establishments primarily engaged in the wholesale distribution of radio and television sets and household electrical appliances.

Electronic parts and equipment (SIC 5065)—Establishments primarily engaged in the wholesale distribution of electronic parts and equipment, such as industrial and radio and television receiving and transmitting electronic tubes; electronic intercommunication

equipment; radio parts and accessories; and electronic sound equipment. Establishments primarily engaged in the wholesale distribution of radio and television receiving sets and phonographs are classified in SIC 5064.

Hardware, and plumbing and heating equipment and supplies (SIC 507)

Hardware (SIC 5072)—Establishments primarily engaged in the wholesale distribution of hardware, such as builders; shelf or light hardware; hand tools (except automotive and machinists' precision); hand saws and cutlery; brads, staples, and tacks; and bolts, nuts, rivets, and screws. Establishments primarily engaged in the wholesale distribution of nails, noninsulated wire, and screening are classified in SIC 5051.

Plumbing and heating equipment and supplies (hydronics) (SIC 5074)—Establishments primarily engaged in the wholesale distribution of hydronic plumbing and heating equipment and supplies. Construction contractors primarily engaged in installing plumbing and heating equipment from their own stock are classified in SIC 1711.

Warm air heating and air conditioning equipment and supplies (SIC 5075)—Establishments primarily engaged in the distribution of warm air heating and air conditioning equipment and supplies. Construction contractors primarily engaged in installing warm air heating and air conditioning equipment are classified in SIC 1711.

Refrigeration equipment and supplies (SIC 5078)—Establishments primarily engaged in the distribution of refrigeration equipment and supplies. Construction contractors primarily engaged in installing refrigeration equipment from their own stock are classified in SIC 1711.

Machinery, equipment, and supplies (SIC 508)

Commercial machines and equipment (SIC 5081)—Establishments primarily engaged in wholesaling commercial machines and equipment, such as office, store, and business machines and equipment; commercial food service equipment; and fountain and store fixtures.

SIC 5081 is subdivided in some tables into—

1. Office machines and equipment.
2. Restaurant and hotel equipment and supplies.
3. Store machines and equipment.

Construction and mining machinery and equipment (SIC 5082)—Establishments primarily engaged in marketing cranes, excavating machinery and equipment, power shovels, road construction and maintenance machinery, tractor-mounted equipment, and other specialized machinery and equipment used in the construction, mining, and logging industries. Establishments engaged in marketing oil machinery and equipment are classified in SIC 5084.

Farm and garden machinery and equipment (SIC 5083)—Establishments primarily engaged in marketing agricultural machinery and equipment for use in preparation and maintenance of the soil, planting and harvesting

of crops, and other operations and processes pertaining to work on the farm or the lawn or garden; and dairy and other livestock equipment.

SIC 5083 is subdivided in some tables into—

1. Farm machinery and equipment-farm dealers.
2. Farm machinery and equipment-wholesale distributors.
3. Garden machinery and equipment.

Industrial machinery and equipment (SIC 5084)—Establishments primarily engaged in marketing industrial machinery and equipment, such as metalworking tools, food industries machinery, oil well and oil refining machinery, industrial trucks and tractors (except over-the-road types), printing machinery, and machinery and equipment for other manufacturing industries.

SIC 5084 is subdivided in some tables into—

1. Food-processing machinery, equipment, and parts.
2. General-purpose industrial machinery, equipment, and parts.
3. Metalworking machinery, equipment, and parts.
4. Materials handling equipment and parts.
5. Oil well, oil refinery, and pipeline machinery, equipment, and supplies.
6. Other industrial machinery, equipment, and parts. Establishments primarily engaged in selling special purpose industrial machinery not elsewhere classified, including printing machinery, woodworking machinery, shoemaking machinery, paper and paper products machinery, smelting and metal refining machinery and equipment, cigar- and cigarette-making machinery, and similar special industry machinery.

Industrial supplies (SIC 5085)—Establishments primarily engaged in marketing industrial supplies, such as abrasives and abrasive materials, rope and cordage, and mechanical rubber goods; welding supplies; mechanical power transmission supplies, including bearings; industrial valves and fittings; metal containers; industrial leather; and reconditioned barrels and drums.

SIC 5085 is subdivided in some tables into—

1. General-line industrial supplies.
2. Mechanical power transmission supplies.
3. Industrial valves and fittings.
4. Welding supplies.
5. Industrial containers and supplies.
6. Other industrial supplies—Establishments primarily engaged in selling a special line of industrial materials and supplies not elsewhere classified, such as abrasives, mechanical rubber goods, ropes and cordage, and industrial diamonds.

Professional equipment and supplies (SIC 5086)—Establishments primarily engaged in the wholesale distribution of mechanical devices and other equipment used by architects, dentists, engineers,

physicians, surgeons, veterinarians, optometrists, osteopaths, and other professional groups.

SIC 5086 is subdivided in some tables into—

1. Dental supplies.
2. Religious and school supplies.
3. Surgical, medical, and hospital supplies.
4. Optical and ophthalmic goods.
5. Other professional equipment and supplies—Establishments primarily engaged in selling specialty lines of professional equipment and supplies not mentioned above, such as veterinarian equipment and supplies, drafting supplies, and scientific equipment.

Service establishment equipment and supplies (SIC 5087)—Establishments primarily engaged in the wholesale distribution of equipment and supplies for barber shops, beauty parlors, power laundries, dry-cleaning plants, upholsterers, undertakers, and related personal service establishments.

SIC 5087 is subdivided in some tables into—

1. Beauty and barber equipment and supplies.
2. Custodial (janitors') equipment and supplies.
3. Laundry and dry-cleaning equipment and supplies.
4. Other service establishment equipment and supplies—Establishments primarily engaged in selling a specialty line of service establishment supplies, such as upholsterers' equipment and supplies, seamstresses' supplies, tailors' supplies, undertakers' supplies, municipality equipment and supplies, and shoe repair supplies.

Transportation equipment and supplies, except motor vehicles (SIC 5088)—Establishments primarily engaged in the wholesale distribution of transportation equipment and supplies. Establishments primarily engaged in the wholesale distribution of motor vehicles and motor parts are classified in SIC 501.

SIC 5088 is subdivided in some tables into—

1. Aircraft and aeronautical equipment and supplies.
2. Marine machinery, equipment, and supplies.
3. Other transportation equipment and supplies—Establishments primarily engaged in selling equipment and supplies used in the operation, maintenance, and repair of railroads, streetcars, buses, tramways, aerial hoists, and horsedrawn vehicles.

Miscellaneous durable goods (SIC 509)

Scrap and waste materials (SIC 5093)—Establishments primarily engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste materials. This industry includes auto wreckers engaged in dismantling automobiles for scrap. However, those engaged in dismantling cars for the purpose of selling secondhand parts at retail are classified in SIC 5931.

SIC 5093 is subdivided in some tables into—

1. Iron and steel scrap processors and dealers.

- a. Iron and steel scrap processors (using power processing equipment).

- b. Iron and steel scrap dealers (not using power processing equipment).

2. Waste and secondary materials.

Jewelry, watches, diamonds and other precious stones (SIC 5094)—Establishments primarily engaged in the wholesale distribution of jewelry, precious stones and metals, costume jewelry, watches, clocks, silverware, and jewelers' findings.

Durable goods, n.e.c. (SIC 5099)—Establishments primarily engaged in the wholesale distribution of durable goods, not elsewhere classified, such as musical instruments and forest products, except lumber.

SIC 5099 is subdivided in some tables into—

1. Musical instruments and supplies.
2. Forest products, except lumber.
3. Other durable goods.

Nondurable goods (SIC Major Group 51)

This major group includes establishments primarily engaged in the wholesale distribution of nondurable goods.

Paper and Paper Products (SIC 511)

Printing and writing paper (SIC 5111)—Establishments primarily engaged in the wholesale distribution of writing paper, including envelope paper; fine paper; and ground wood, printing, and rotogravure paper.

Stationery supplies (SIC 5112)—Establishments primarily engaged in the wholesale distribution of stationery and office supplies, including envelopes, typewriter and mimeograph paper, file cards and folders, pens, social stationery, and greeting cards.

Industrial and personal service paper (SIC 5113)—Establishments primarily engaged in the wholesale distribution of wrapping and other coarse paper, paperboard, cellophane, and converted paper products, such as bags, boxes, dishes, napkins, and shipping supplies.

Drugs, drug proprietaries and druggists' sundries (SIC 512)

Drugs, drug proprietaries, and druggists' sundries (SIC 5122)—Establishments primarily engaged in the wholesale distribution of drugs, drug proprietaries, druggists' sundries, and toiletries. Establishments primarily engaged in the wholesale distribution of surgical, dental, and hospital equipment are classified in SIC 5086.

SIC 5122 is subdivided in some tables into—

1. General-line drugs—These are distinguished from speciality-line drug and toiletries wholesalers on the basis of their commodity-line mix. Drug wholesalers were classified as general line if they reported a substantial portion of their sales in "drugs and pharmaceuticals" and a combination of

"proprietary (patent) medicines," "cosmetics," "perfumes," and "other toiletries and druggists' sundries."

2. Specialty-line pharmaceuticals, cosmetics, and toiletries.

Apparel, piece goods, and notions (SIC 513)

Piece goods (woven fabrics) (SIC 5133)—Establishments primarily engaged in the wholesale distribution of piece goods or yard goods of natural or synthetic fibers. "Converters" who buy goods in the grey, have them finished on contract, and sell at wholesale are included here. This industry does not include establishments primarily engaged in the wholesale distribution of home furnishings, which are classified in SIC 5023.

SIC 5133 is subdivided in some tables into—

1. Piece goods jobbers.
2. Piece goods converters.

Notions and other dry goods (SIC 5134)—Establishments primarily engaged in the wholesale distribution of notions (sewing and hair accessories, etc.), knit goods, and other dry goods, except piece goods.

Men's and boys' clothing and furnishings (SIC 5136)—Establishments primarily engaged in the wholesale distribution of men's and boys' apparel and furnishings, sportswear, hosiery, underwear, nightwear, and work clothing.

Women's, children's and infants' clothing and accessories (SIC 5137)—Establishments primarily engaged in the wholesale distribution of women's, children's, and infants' clothing and accessories, including hosiery, lingerie, millinery and millinery supplies, and furs.

Footwear (SIC 5139)—Establishments primarily engaged in the wholesale distribution of footwear made of leather, rubber, and other materials.

Groceries and related products (SIC 514)

Groceries, general line (SIC 5141)—Establishments primarily engaged in the wholesale distribution of a general line of groceries. Establishments primarily engaged in roasting coffee, blending tea, or grinding and packaging spices are classified in SIC major group 20.

SIC 5141 is subdivided in some tables into—

1. Voluntary group wholesalers.
2. Retail cooperative wholesalers.
3. Other general-line wholesalers.

Frozen foods (SIC 5142)—Establishments primarily engaged in the wholesale distribution of packaged quick-frozen vegetables, juices, meats, fish, poultry, pastries, and other "deep freeze" products. Establishments primarily engaged in the wholesale distribution of frozen dairy products are classified in SIC 5143. Frozen poultry, fish, and meat which are not packaged are classified in SIC 5144, 5146, and 5147, respectively.

Dairy products (SIC 5143)—Establishments primarily engaged in the wholesale distribution of dairy products, such as butter, cheese, ice cream and ices, and fluid milk and cream. This industry does not include establishments primarily engaged in pasteurizing and bottling milk, which are classified in SIC 202.

Poultry and poultry products (SIC 5144)—Establishments primarily engaged in the wholesale distribution of poultry and poultry products, except canned and packaged frozen products. This industry does not include establishments, primarily engaged in the killing and dressing of poultry, which are classified in SIC 2016. Establishments primarily engaged in the wholesale distribution of packaged frozen poultry are classified in SIC 5142, and of canned poultry in SIC 5149.

Confectionery (SIC 5145)—Establishments primarily engaged in the wholesale distribution of confectionery, such as candy, chewing gum, fountain fruits, salted or roasted nuts, popcorn, and fountain syrups; and potato, corn, and similar chips.

Fish and seafoods (SIC 5146)—Establishments primarily engaged in the wholesale distribution (not packaging) of fresh, cured, and frozen fish and seafoods, except canned (SIC 5149) or packaged frozen (SIC 5142). The preparation, packaging, and freezing of fresh fish and other seafood, and the shucking and packing of fresh oysters in nonsealed containers, are classified in SIC 2092.

Meats and meat products (SIC 5147)—Establishments primarily engaged in the wholesale distribution of fresh, cured, and processed (but not canned) meats and lard. The wholesale distribution of frozen packaged meats is classified in SIC 5142 and canned meats in SIC 5149.

Fresh fruits and vegetables (SIC 5148)—Establishments primarily engaged in the wholesale distribution of fresh fruits and vegetables.

Groceries and related products, n.e.c. (SIC 5149)—Establishments primarily engaged in the wholesale distribution of groceries and related products, not elsewhere classified. Establishments primarily engaged in the wholesale distribution of soft drinks, and in bottling and distributing natural spring and mineral waters, are classified in this industry, but establishments primarily engaged in bottling soft drinks are classified in SIC major group 20. This industry does not include farm-product raw materials (SIC 515), or beer, wine, and distilled alcoholic beverages (SIC 518).

SIC 5149 is subdivided in some tables into—

1. Coffee, tea, and spices.
2. Bread and baked goods.
3. Canned goods.
4. Food and beverage basic materials.
5. Other grocery specialties.

Farm-product raw materials (SIC 515)

Cotton (SIC 5152)—Establishments primarily engaged in buying and/or marketing cotton and cotton linters.

Grain (SIC 5153)—Establishments primarily engaged in buying and/or marketing grain (such as corn, wheat, oats, barley, and unpolished rice); and dry beans, soybeans, and other inedible beans. Country grain elevators primarily engaged in buying or receiving grain from farmers are included, as are terminal elevators and other merchants marketing grain.

Livestock (SIC 5154)—Establishments primarily engaged in buying and/or marketing cattle, hogs, sheep, and goats. This industry also includes the operation of livestock auction markets.

Farm-product raw materials, n.e.c. (SIC 5159)—Establishments primarily engaged in buying and/or marketing farm products not elsewhere classified, such as horses and mules, leaf tobacco, hides, skins, furs, wool, mohair, raw silk, hops, and nuts, except roasted or salted (SIC 5145). Establishments primarily engaged in the wholesale distribution of milk are classified in SIC 5143 and live poultry in SIC 5144.

SIC 5159 is subdivided in some tables into—

1. Hides, skins, and pelts.
2. Leaf tobacco.
3. Wool, wool tops, and mohair.
4. Other farm-product raw materials.

Chemicals and allied products (SIC 516)

Chemicals and allied products (SIC 5161)—Establishments primarily engaged in the wholesale distribution of chemicals and allied products, not elsewhere classified, such as acids, industrial and heavy chemicals, dyestuffs, industrial salts, naval stores, plastics materials, rosin, and turpentine. Establishments primarily engaged in the wholesale distribution of ammunition are classified in SIC 5041; agricultural chemicals and pesticides in industry 5191; drugs in SIC 5122; and paints and varnishes in SIC 5198.

SIC 5161 is subdivided in some tables into—

1. Chemicals and allied products, except plastics and gases.
2. Plastics materials and basic forms.
3. Industrial gases, except LP.

Petroleum and petroleum products (SIC 517)

Petroleum bulk stations and terminals (SIC 5171)—Establishments primarily engaged in wholesaling petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

SIC 5171 is subdivided in some tables into—

1. Petroleum bulk stations, except LP.
2. Petroleum bulk terminals, except LP.
3. Liquefied petroleum gas.

Petroleum and petroleum products, except bulk stations and terminals (SIC 5172)—Establishments primarily engaged in wholesaling petroleum and petroleum products, except those with bulk liquid storage facilities.

Included are packaged and bottled petroleum products distributors, truck jobbers, and others marketing petroleum and petroleum products at wholesale but without bulk liquid storage facilities.

Beer, wine and distilled alcoholic beverages (SIC 518)

Beer and ale (SIC 5181)—Establishments primarily engaged in the wholesale distribution of beer, ale, porter, and other fermented malt beverages.

Wines and distilled alcoholic beverages (SIC 5182)—Establishments primarily engaged in the wholesale distribution of distilled spirits, including neutral spirits and ethyl alcohol used in blending wines and distilled liquors.

SIC 5182 is subdivided in some tables into—

1. Wine and distilled spirits—licensed operation.
2. Wine and distilled spirits—State operated.

Miscellaneous nondurable goods (SIC 519)

Farm supplies (SIC 5191)—Establishments primarily engaged in the wholesale distribution of animal feeds, fertilizers, agricultural chemicals, pesticides, seeds, and other farm supplies, except grains.

SIC 5191 is subdivided in some tables into—

1. Farm supplies—farm dealers.
2. Farm supplies—wholesale distributors.

Tobacco and tobacco products (SIC 5194)—Establishments primarily engaged in the wholesale distribution of tobacco and tobacco products. Leaf tobacco wholesalers are classified in SIC 5159 and establishments primarily engaged in stemming and redrying tobacco in SIC 2141.

Paints, varnishes, and supplies (SIC 5198)—Establishments primarily engaged in the wholesale distribution of paints, varnishes, wallpaper, and supplies. Glass is frequently handled. Establishments selling to the general public and known as "retail" in the trade are classified in SIC 5231.

Nondurable goods, n.e.c. (SIC 5199)—Establishments primarily engaged in the wholesale distribution of nondurable goods, not elsewhere classified, such as books, periodicals, and newspapers; art goods; flowers and florists' supplies; industrial yarn; and textile bags and bagging.

SIC 5199 is subdivided in some tables into—

1. Books, periodicals, newspapers.
2. Art goods.
3. Flowers and florists' supplies.
4. General merchandise.
5. Textile bags and bagging.
6. Specialty advertising (sale of merchandise).
7. Other nondurable goods.

TYPE-OF-OPERATION CLASSIFICATIONS

In addition to being classified by kind of business, each wholesale establishment was classified for the census by type of operation according to the ownership of the business, ownership of the goods sold, or character of the principal transactions. Establishments in wholesale trade are grouped into the following three major types of operation and related subgroups:

Merchant wholesalers—Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale merchants or jobbers, industrial distributors, voluntary group wholesalers, importers, exporters, cash-and-carry wholesalers, retailer cooperative warehouses, terminal and country grain elevators, farm products assemblers, wholesale cooperative associations, and petroleum bulk plants and terminals operated by nonrefining companies.

Wholesale distributors and jobbers—Establishments primarily engaged in buying and selling merchandise in the domestic market and performing the principal wholesale functions of buying, stocking, selling, etc.

Importers—Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters—Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Terminal grain elevators—Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators—Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators—Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers' sales branches and offices—Establishments maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Branch stores selling to household consumers and individual users are classified in retail trade. Sales branches and sales offices located at plants and at administrative offices are included when separate records are available. In some tables, data are shown separately for manufacturers' sales branches and for sales offices. These two types of establishments differ in that sales offices do not carry stocks of merchandise for delivery to customers.

Agents, brokers, and commission merchants—Establishments whose operators are in business for themselves and are primarily engaged in selling or buying goods for others. Included here are such types of operations as auction companies, import agents, export agents, selling agents, merchandise brokers, and commission merchants. "Sales" as shown in census publications for agents, brokers, and commission merchants represent the gross sales (or purchase) value of the goods in the transactions negotiated.

Auction companies—Wholesale establishments primarily engaged in selling merchandise on an agency basis by auction.

Import agents—Merchandise agents and brokers in the domestic market buying merchandise from or selling merchandise for foreign firms.

Export agents—Merchandise agents and brokers in the domestic market selling to or buying for foreign customers.

Manufacturers' agents—Wholesale establishments in the domestic market selling for a limited number of manufacturers on a continuing agency basis.

Brokers (representing buyers or sellers)—Wholesale establishments primarily engaged in selling or buying merchandise in the domestic market on a brokerage basis but not receiving the goods on consignment.

Commission merchants—Wholesale establishments operating in the domestic market receiving goods for sale on consignment.

APPENDIX B. General Questions



U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM

1982 CENSUS OF DISTRIBUTIVE TRADES

O.M.S. APPROVAL NO. 0607-0387 EXPIRES 12/84

NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to this Census File Number (CFN)

Employer Identification (EI) Number

CB-5001

Please indicate to whom and RETURN TO:

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47134

DUE DATE: FEBRUARY 15, 1983

If you cannot file by the due date, a time extension request should be sent to the above address; please include your 11-digit Census File Number (CFN).

Note — Please read the accompanying instructions before answering the questions.

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1 — EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification (EI) Number shown in the label the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

054 1 ☐ YES

2 ☐ NO — Enter current

EI Number

(9 digits)

Item 2 — PHYSICAL LOCATION OF ESTABLISHMENT

Answer items a, b, c, and d

NOTE: P.O. boxes or rural routes are not physical locations.

a. ☐ Same as shown in mailing label. If different, indicate change.

NUMBER AND STREET

CITY TOWN VILLAGE ETC.

STATE

ZIP CODE

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

055 1 ☐ YES

2 ☐ NO

3 ☐ No legal boundaries

4 ☐ Don't know

c. Type of municipality where physically located

056 1 ☐ City, village, or borough

2 ☐ Other or don't know

d. Name of county where physically located

Item 3 — OPERATIONAL STATUS

a. How many months during 1982 did this firm or organization actively operate this establishment?

Number of months

007

b. Mark (X) the ONE box which best describes this establishment at the end of 1982.

001 1 ☐ In operation

2 ☐ Temporarily or seasonally inactive

3 ☐ Ceased operation — Give date

4 ☐ Sold or leased to another operator — Give date at right

AND enter name, etc., below

NAME OF NEW OWNER OR OPERATOR

NUMBER AND STREET

CITY

STATE

ZIP CODE

Item 4 — ORGANIZATIONAL STATUS

Mark (X) the ONE box which best describes this establishment during 1982.

003 1 ☐ Individual proprietorship

2 ☐ Partnership

3 ☐ Cooperative association (taxable)

4 ☐ Cooperative association (tax-exempt)

5 ☐ Government — Specify

6 ☐ Corporation (Do not mark if any form of cooperative association.)

7 ☐ Other — Specify

Item 5 — INVENTORIES

a. Did you have inventories at the end of the years specified?

End of 1982

1 ☐ YES

2 ☐ NO

End of 1981

1 ☐ YES

2 ☐ NO

If "NO" for both years, SKIP to item 6.

b. Report inventories at cost or market using generally accepted accounting methods. For inventories at LIFO cost use the sum of the LIFO amount plus the LIFO reserve when completing lines b and d.

048 Mil. Thou. Dol.

047 Mil. Thou. Dol.

c. Amount of total on line b which was not subject to LIFO costing.

111 Mil. Thou. Dol.

121 Mil. Thou. Dol.

d. Amount of total on line b which was subject to LIFO costing.

112 Mil. Thou. Dol.

122 Mil. Thou. Dol.

(1) Amount of the LIFO reserve

113 Mil. Thou. Dol.

123 Mil. Thou. Dol.

(2) LIFO value of line d

114 Mil. Thou. Dol.

124 Mil. Thou. Dol.

NOTE: The sum of lines d(1) and d(2) should equal line b. The sum of lines c and d should equal line b.

PENALTY FOR FAILURE TO REPORT

HOW TO REPORT DOLLAR FIGURES

Value figures may be reported in dollars or rounded to thousands.

Example: If a figure is \$1,125,628, report either

PREFERRED

Acceptable

Mil.	Thou.	Dol.
1	126	
1	125	628

Item 6 — DOLLAR VOLUME OF BUSINESS IN 1982

a. Sales of merchandise and other operating receipts

100 Mil. Thou. Dol.

b. Did this establishment sell merchandise on a commission or brokerage basis?

101 1 ☐ YES — Go to c

2 ☐ NO — SKIP to e

c. Gross selling value of business conducted for the account of others (Include in item 6a.)

102 Mil. Thou. Dol.

d. Dollar volume of commissions or brokerage received on transactions reported in item 6c.

103 Percent

e. What percentage of the products sold by this establishment did your company (including firms under common ownership or control) manufacture or mine in the United States or its possessions?

104 1 ☐ YES — Go to g

2 ☐ NO — SKIP to h

f. Did this establishment have transfers (billings) to other establishments within your company?

105 Mil. Thou. Dol.

g. Dollar volume of transfers (billings) to other establishments within your company (DO NOT include in item 6a.)

106 1 ☐ YES

2 ☐ NO

h. Were 50% or more of the products sold by this establishment imported from a foreign country?

107 1 ☐ YES

2 ☐ NO

Item 7 — PAYROLL AND EMPLOYMENT

a. Payroll in 1982, before deductions

030 Mil. Thou. Dol.

(1) Total ANNUAL payroll

031 Number

(2) FIRST QUARTER payroll

032 Number

b. Employment in 1982

Number of paid employees for the pay period including March 12, 1982. (Include both full- and part-time employees.)

032 Number

Item 8 — EMPLOYMENT BY PRINCIPAL ACTIVITY

Report the approximate number of employees at this establishment according to their principal activity during the pay period including March 12, 1982.

a. Selling

130 Number

b. Sales support (including office and clerical, warehousing, drivers, maintenance employees)

131

c. Central administrative and auxiliary

132

d. Manufacturing

133

e. Other — Specify

134

f. TOTAL — Sum of lines a through e should equal item 7b

135

Item 9 — OPERATING EXPENSES

TOTAL 1982 operating expenses, including payroll but excluding cost of goods sold

040 Mil. Thou. Dol.

Item 10 — SALES BY CUSTOMER CLASSES

Report the approximate percentage of your 1982 sales (item 6a) to each of the customer classes listed.

Report in whole percents

a. To farmers (for farm use)

140

b. To builders and contractors

141

c. Export sales

142

d. To retailers and repair shops

143

e. To wholesale establishments

144

f. To household consumers and individual users

145

g. To industrial users (manufacturing and mining)

146

h. To institutional, commercial, and professional users

147

i. To governmental bodies (federal, state, and local)

148

j. TOTAL — Sum of lines a through i should add to 100%

100%

CONTINUE ON PAGE 2

Item 11 - TYPE OF OPERATION Mark (X) the ONE box which best describes the basis on which the major portion of your business was conducted in 1982.					b. Does this company own or control any other company or companies? 098 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO				
a. Merchant (buying and selling on own account) <input type="checkbox"/> 10 b. Manufacturers' sales branch or sales office <input type="checkbox"/> 20 c. Broker, agent, commission merchant (1) Auction company <input type="checkbox"/> 41 (2) Broker (representing buyers or sellers) <input type="checkbox"/> 42 (3) Commission merchant <input type="checkbox"/> 43 (4) Manufacturers' agent <input type="checkbox"/> 46 d. Other type of operation - Specify <input type="checkbox"/> 77					c. How many establishments were operated under the EI Number shown in the address label (or as corrected in item 1) at the end of 1982? 079 _____ If more than one, provide the physical location address and other information indicated below for each establishment. Continue with same format in item 15 (or attach a separate sheet) if necessary.				
Item 12 - KIND OF BUSINESS Mark (X) the ONE box which best describes the PRINCIPAL kind of business of this establishment in 1982. (Categories appropriate to individual form)					NAME, ADDRESS, AND ZIP CODE 1982 Mil. Thou. Dol. 081 _____ Sales				
Item 13 - COMMODITY LINES Report sales either in dollar figures (see example on page 1) or as percent (in whole percents) of the total (see example below).					1 KIND-OF-BUSINESS DESCRIPTION Annual payroll 082 _____ TYPE OF OPERATION Census use 088 _____				
HOW TO REPORT PERCENTS If figure is 38.76% of total sales Mil. Thou. Dol. Percent a Report whole percents _____ 39 Not acceptable _____ 38.76					2 NAME, ADDRESS, AND ZIP CODE 1982 Mil. Thou. Dol. 081 _____ Sales				
Commodity lines Census use Mil. Thou. Dol. Percent _____ (Categories appropriate to individual form)					2 KIND-OF-BUSINESS DESCRIPTION Annual payroll 082 _____ TYPE OF OPERATION Census use 088 _____				
NOTE Answer item 14 only if your Census File Number (CFN), shown in the address label of this report form, begins with a zero.					Item 15 - REMARKS - Please use this space for any explanations that may be essential in understanding your reported data.				
Item 14 - OWNERSHIP, CONTROL, AND LOCATIONS OF OPERATION a. Is this company owned or controlled by another company? 097 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO					Item 16 - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions. Period covered by this report FROM: Mo. Year TO: Mo. Year Name of person to contact regarding this report - Print or type _____ Telephone _____ Area code Number Extension Signature of authorized person _____ Date _____				
ENTER OWNING OR CONTROLLING COMPANY NAME, ADDRESS, AND ZIP CODE _____ EI Number (9 digits) _____					_____				

APPENDIX C.

Kind-of-Business Titles and Reporting-Form Numbers

Listed below are wholesale kind-of-business titles and their corresponding reporting-form numbers. Requests for copies of any of these forms, including the inquiries used to classify establishments by kind of business, should be directed to the Business Division, Bureau of the Census, Washington, D.C. 20233.

SIC code	Title	Standard form CB-	Classification form CB-	SIC code	Title	Standard form CB-	Classification form CB-
	DURABLE GOODS				NONDURABLE GOODS		
501	Motor vehicles and automotive parts and supplies:			511	Paper and paper products:		
5012	Automobiles and other motor vehicles.....	5001	5099	5111	Printing and writing paper.....	5101	5198
5013	Automotive parts and supplies.....	5001	5099	5112	Stationery supplies.....	5101	5198
5014	Tires and tubes.....	5001	5099	5113	Industrial and personal service paper.....	5101	5198
502	Furniture and home furnishings:			512	Drugs, drug proprietaries and druggists' sundries:		
5021	Furniture.....	5002	5097	5122	Drugs, drug proprietaries, and druggists' sundries.....	5102	5198
5023	Home furnishings.....	5002	5097				
503	Lumber and other construction materials:			513	Apparel, piece goods, and notions:		
5031	Lumber, plywood and millwork.....	5003	5097	5133	Piece goods.....	5103	5198
5039	Construction materials, n.e.c.....	5003	5097	5134	Notions and other dry goods.....	5103	5198
504	Sporting, recreational, photographic, and hobby goods, toys and supplies:			5136	Men's and boys' clothing and furnishings...	5104	5198
5041	Sporting and recreational goods and supplies.	5004	5099	5137	Women's, children's and infants' clothing and accessories.....	5104	5198
5042	Toys and hobby goods and supplies.....	5004	5099	5139	Footwear.....	5104	5198
5043	Photographic equipment and supplies.....	5004	5099	514	Groceries and related products:		
505	Metals and minerals, except petroleum:			5141	Groceries, general line.....	5105	5197
5051	Metals service centers and offices.....	5005	5099	5142	Frozen foods.....	5106	5197
5052	Coal and other minerals and ores.....	5006	5099	5143	Dairy products.....	5106	5197
506	Electrical goods:			5144	Poultry and poultry products.....	5106	5197
5063	Electrical apparatus and equipment.....	5007	5097	5145	Confectionery.....	5106	5197
5064	Electrical appliances, TV and radio sets...	5007	5097	5146	Fish and seafoods.....	5106	5197
5065	Electronic parts and equipment.....	5007	5097	5147	Meat and meat products.....	5106	5197
507	Hardware, and plumbing and heating equipment and supplies:			5148	Fresh fruits and vegetables.....	5106	5197
5072	Hardware.....	5008	5097	5149	Groceries and related products, n.e.c.....	5106	5197
5074	Plumbing and heating equipment and supplies.	5008	5097	515	Farm-product raw materials:		
5075	Warm air heating and air conditioning equipment and supplies.....	5008	5097	5152	Cotton.....	5107	5199
5078	Refrigeration equipment and supplies.....	5008	5097	5153	Grain.....	5107	5199
508	Machinery, equipment, and supplies:			5154	Livestock.....	5107	5199
5081	Commercial machines and equipment.....	5009	5098	5159	Farm-product raw materials, n.e.c.....	5107	5199
5082	Construction and mining machinery and equipment.....	5010	5098	516	Chemicals and allied products:		
5083	Farm and garden machinery and equipment....	5010	5098	5161	Chemicals and allied products.....	5108	5198
5084	Industrial machinery and equipment.....	5011	5098	517	Petroleum and petroleum products:		
5085	Industrial supplies.....	5012	5098	5171	Petroleum bulk stations and terminals.....	5109	¹ NA
5086	Professional equipment and supplies.....	5013	5098	5172	Petroleum and petroleum products whole-salers, except bulk stations and terminals..	5109	5198
5087	Service establishment equipment and supplies.	5014	5098	518	Beer, wine and distilled alcoholic beverages:		
5088	Transportation equipment and supplies, except motor vehicles.....	5015	5098	5181	Beer and ale.....	5110	5199
509	Miscellaneous durable goods:			5182	Wines and distilled alcoholic beverages....	5110	5199
5093	Scrap and waste materials.....	5016	5099	519	Miscellaneous nondurable goods:		
5094	Jewelry, watches, diamonds and other precious stones.....	5017	5099	5191	Farm supplies.....	5111	5198
5099	Durable goods, n.e.c.....	5018	5099	5194	Tobacco and tobacco products.....	5112	5198
				5198	Paints, varnishes, and supplies.....	5113	5198
				5199	Nondurable goods, n.e.c.....	5114	5198

¹Petroleum bulk stations and terminals were all sent form CB-5109.

APPENDIX D.

Standard Metropolitan Statistical Areas

[Titles and definitions shown for SMSA's are those established by the Office of Management and Budget, as of January 1982]

Standard Metropolitan Statistical Areas

SMSA and definition
Honolulu, Hawaii Honolulu County, Hawaii

APPENDIX E.

Percent of Sales Data Based on Administrative Records and Estimation for the State: 1982

[For meaning of abbreviations and symbols, and for more information on reliability of data, see introductory text]

SIC code	Kind of business	Percent of sales—		SIC code	Kind of business	Percent of sales—	
		From administrative records ¹	Estimated ²			From administrative records ¹	Estimated ²
	Wholesale trade	0	0	50	Durable goods—Con.		
50	Durable goods	0	0	509	Miscellaneous durable goods	1	1
501	Motor vehicles and automotive parts and supplies	0	0	5093	Scrap and waste materials	0	0
5012	Automobiles and other motor vehicles	0	0	5094	Jewelry, watches, diamonds and other precious stones	1	2
5013	Automotive parts and supplies	0	0	5099	Durable goods, n.e.c.	1	0
5014	Tires and tubes	0	0	51	Nondurable goods	0	1
502	Furniture and home furnishings	0	0	511	Paper and paper products	1	0
5021	Furniture	0	0	5111	Printing and writing paper	0	0
5023	Home furnishings	1	1	5112	Stationery supplies	2	0
503	Lumber and other construction materials	0	1	5113	Industrial and personal service paper	1	0
5031	Lumber, plywood and millwork	0	1	512	Drugs, drug proprietaries and druggists' sundries	0	0
5039	Construction materials, n.e.c.	0	2	5122	Drugs, drug proprietaries, and druggists' sundries	0	0
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	0	0	513	Apparel, piece goods, and notions	0	1
5041	Sporting and recreational goods and supplies	0	0	5133	Piece goods (woven fabrics)	0	0
5042	Toys and hobby goods and supplies	2	0	5134	Notions and other dry goods	5	0
5043	Photographic equipment and supplies	0	0	5136	Men's and boys' clothing and furnishings	0	1
505	Metals and minerals, except petroleum	0	1	5137	Women's, children's and infants' clothing and accessories	0	1
5051	Metals service centers and offices	0	1	5139	Footwear	1	0
5052	Coal and other minerals and ores	0	0	514	Groceries and related products	0	1
506	Electrical goods	0	0	5141	Groceries, general line	0	3
5063	Electrical apparatus and equipment	0	0	5142	Frozen foods	0	0
5064	Electrical appliances, television and radio sets	0	0	5143	Dairy products	0	2
5065	Electronic parts and equipment	0	0	5144	Poultry and poultry products	0	2
507	Hardware, and plumbing and heating equipment and supplies	0	0	5145	Confectionery	0	1
5072	Hardware	0	1	5146	Fish and seafoods	0	0
5074	Plumbing and heating equipment and supplies (hydronics)	0	0	5147	Meats and meat products	0	0
5075	Warm air heating and air conditioning equipment and supplies	0	1	5148	Fresh fruits and vegetables	0	0
5078	Refrigeration equipment and supplies	0	0	5149	Groceries and related products, n.e.c.	0	0
508	Machinery, equipment, and supplies	0	1	515	Farm-product raw materials	0	0
5081	Commercial machines and equipment	0	1	5152	Cotton	0	0
5082	Construction and mining machinery and equipment	0	1	5153	Grain	0	0
5083	Farm and garden machinery and equipment	0	0	5154	Livestock	(D)	(D)
5084	Industrial machinery and equipment	0	1	5159	Farm-product raw materials, n.e.c.	(D)	(D)
5085	Industrial supplies	0	1	516	Chemicals and allied products	0	0
5086	Professional equipment and supplies	0	1	5161	Chemicals and allied products	0	0
5087	Service establishment equipment and supplies	0	2	517	Petroleum and petroleum products	0	0
5088	Transportation equipment and supplies, except motor vehicles	0	1	5171	Petroleum bulk stations and terminals	0	0
				5172	Petroleum and petroleum products, except bulk stations and terminals	0	0
				518	Beer, wine and distilled alcoholic beverages	0	1
				5181	Beer and ale	(D)	(D)
				5182	Wines and distilled alcoholic beverages	(D)	(D)
				519	Miscellaneous nondurable goods	0	2
				5191	Farm supplies	0	1
				5194	Tobacco and tobacco products	0	3
				5198	Paints, varnishes, and supplies	0	1
				5199	Nondurable goods, n.e.c.	0	1

Coverage symbols: 0—Less than 10 percent; 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

¹Includes sales information obtained from administrative records of other Federal agencies.

²Includes sales information which was imputed based on historic company ratios or administrative records, or on industry averages.



APPENDIX F.

Geographic Notes

Hawaii has no incorporated municipalities in the sense of functioning governmental units; however, through the cooperation of the State government, the Bureau of the Census "census designated places" (CDP's) have been designated as place equivalents.

Honolulu County is coextensive with Honolulu city which is not recognized for the economic censuses; however, Honolulu CDP is recognized for the economic censuses.

Maul County consists of four islands. The State requested that two of the islands, Lanai and Molokai, be recognized as "places" for the economic censuses. Included on the island of Molokai is the non-functioning county of Kalawao.

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PUBLICATION PROGRAM

1982 CENSUS OF WHOLESALE TRADE

Publications of the 1982 Census of Wholesale Trade, containing data on wholesale trade establishments with payroll in the United States, are described below. Publications order forms for the specific reports may be obtained from any Department of Commerce district office or from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233. The first results were issued in preliminary reports. Final detailed statistics are issued in separate paperbound reports, which subsequently are assembled and reissued in clothbound volumes.

Final Reports

Geographic area series—52 reports (WC82-A-1 to -52)

A separate paperbound report is being published for each State, the District of Columbia, and the United States. Each report presents general statistics on number of establishments, sales, payroll, employment, operating expenses, and inventories, for all wholesale establishments. At the State level, data also are presented separately for the following types of wholesale operation: merchant wholesalers; manufacturers' sales branches and offices; and agents, brokers, and commission merchants. Less type-of-operation detail is shown below the State level. For States, SMSA's, counties, and places with 200 wholesale establishments or more, statistics are presented by kind of business. Greater kind-of-business detail is shown for larger areas. In addition, data are shown for all places with 2,500 inhabitants or more and all counties (with no kind-of-business detail). For each State, the District of Columbia, and the United States, 1982 data are provided on sales and employees per establishment, sales and payroll per employee, payroll as a percent of operating expenses, and operating expenses and end-of-year inventories as percentages of sales. Comparative statistics showing percent changes in sales and payroll between 1977 and 1982 also are shown.

Industry series—4 reports (WC82-I-1 to -4)

The first report (WC82-I-1) presents data based on size of establishment, size of company or firm (firm size is based on all establishments operated by a firm within the same kind of business or kind-of-business group for which data are presented), and legal form of organization. Establishment statistics are presented by sales size and by employment size; statistics for firms, by sales size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits). Statistics are presented by kind of business on the number of establishments, sales, payroll, and employment for the United States.

A report (WC82-I-2) on measures of value produced, capital expenditures, depreciable assets, and operating expenses presents data for the United States by major kinds of business. Data also are provided on sales, purchases, and beginning and ending inventories. Measures of value produced include gross margin, value added, and net income produced at market prices and factor costs. Operating expenses include annual payroll, supplemental labor costs, purchased services, etc.

The commodity line sales report (WC82-I-3) presents data on major categories of commodities sold by wholesale kinds of business for the United States. Data for 15 selected SMSA's and 15 selected States will be issued on microfiche only. Tables present data for each kind of business, and show, for each commodity line, the number of establishments handling the line and their sales of the line; the percentage of total sales of the kind of business accounted for by each of the lines carried; and, for establishments actually handling a specific line, the percentage of their total sales represented by sales of that line. Summary statistics also are provided for the 129 broad commodity lines categories, including counts of establishments and the amount and percent of the line sold by various kinds of wholesale businesses.

A miscellaneous subjects report (WC82-I-4) contains data by kind of business on employment by principal activity, sales by class of customer, inventory valuation methods, commissions and gross selling value of business conducted for others by agents and brokers, and on petroleum bulk stations and terminals. Data are presented for the United States as a whole and, for petroleum bulk stations and terminals, for States and counties.

Final Report Volumes

- Volume I. Wholesale Trade—Summary and Industry Statistics. Includes data previously issued in series WC82-I.
- Volume II. Wholesale Trade—Geographic Area Statistics. Includes data previously issued in series WC82-A.

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Every final report in the 1982 Census of Wholesale Trade will be available on microfiche.

Public-Use Computer Tapes

Selected data—generally detailed information by industry and/or geographic area—also are available on public-use computer tapes. For the selected data, these tapes will provide the same information found in the final reports. Public-use computer tapes are available for users who wish to summarize, rearrange, or process large amounts of data. These tapes, with corresponding technical documentation, are sold by Data User Services Division, Customer Services (Tapes), Bureau of the Census, Washington, D. C. 20233.

OTHER ECONOMIC CENSUS REPORTS

Data on retail trade, service industries, construction industries, manufactures, mineral industries, transportation, enterprise statistics, minority-owned business enterprises, and women-owned businesses also are available from the 1982 Economic Censuses. A separate series of reports covers the censuses of outlying areas—Puerto Rico, Virgin Islands of the United States, Guam, and the Northern Marianas. Separate announcements describing these reports are available free of charge from Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233.

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